

# MED400X2S



# V3

## User Manual

Based on Firmware V3

High Definition Multimedia Player



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# Thank you for purchasing the Mede8er Multimedia Player.

The MED400X2S is the latest generation multimedia player specially developed by Sanji for today's demanding media enthusiast. The Mede8er has some very unique features so we suggest you read this guide and visit the Mede8er forum for additional help and information. The firmware is always "work in progress" so we suggest you regularly check the Mede8er forum for updated firmware releases and updated User Manuals.

Please check the Mede8er forum for the latest user guide. [www.mede8erforum.com](http://www.mede8erforum.com)

## Warranty International

Mede8er products carry a 12 month from date of purchase warranty. In the event of warranty service please provide proof of purchase. Return your product to the store that it was purchased from or return it directly to Sanji Electronics (Pty) Ltd 12, Saddle Drive Woodmead Office Park, Woodmead, Gauteng, South Africa.

## Warranty & Support Europe

Mede8er products carry a 60\* month from date of purchase limited warranty. In the event of warranty service or support, please contact one of the Mede8er Service Centers; [www.mede8er.eu/support](http://www.mede8er.eu/support), [support@mede8er.eu](mailto:support@mede8er.eu) or call +31(0)10-7142861 during business hours (CET). In order to obtain the extended warranty service of in total 60\* months after purchase, you need to register your product on [www.mede8er.eu/register](http://www.mede8er.eu/register) within 1 month after purchase. \* *On accessories 24 months applies.*

Warranty does not cover damage by

- a) Lightning or over voltage b) Water damage or liquid spill c) Misuse or abuse d) User tampering
- e) Using non Mede8er approved Firmware

Sanji Electronics (Pty) Ltd is not responsible for any loss of data irrespective of the cause.

## Important Safety Instructions

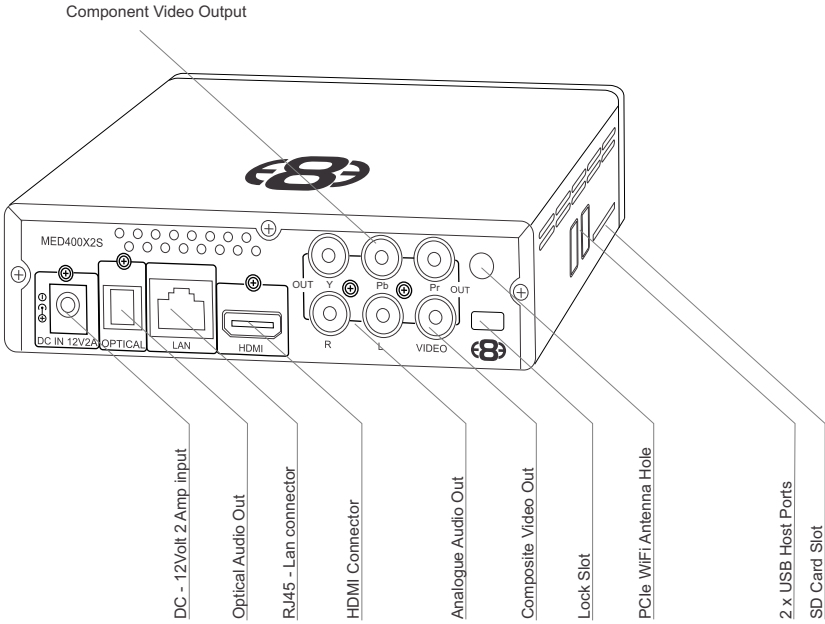
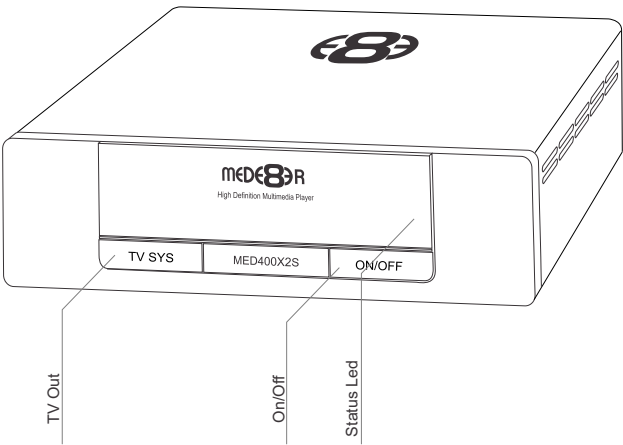
Read these instructions for all components before using this product.

During electrostatic discharge and the strong electromagnetic field, the product may malfunction. In such a case, unplug the power cable to power off your player and the player will return to normal performance next time it is powered on.

- Do not use this apparatus near water or moisture. Do not use this product near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, near a swimming pool, or anywhere else that water or moisture are present.
- Clean only with a soft dry cloth and as directed by the manufacturer. Unplug this product from the wall outlet before cleaning.
- Do not block any ventilation openings. Install in accordance with the manufacturer instructions. To ensure reliable operation of the product and to protect it from overheating, put the product in a position and location that will not interfere with its proper ventilation. For example, do not place the product on a bed, sofa, or similar surface that may block the ventilation openings. Do not put it in a built-in system, such as a bookcase or a cabinet that may keep air from flowing through its ventilation openings.
- Do not install near any heat sources, such as radiators, heat registers, stoves or other apparatus that produce heat.
- Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments or accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods of time to prevent damage to this product.

**Refer all servicing to qualified service personnel**

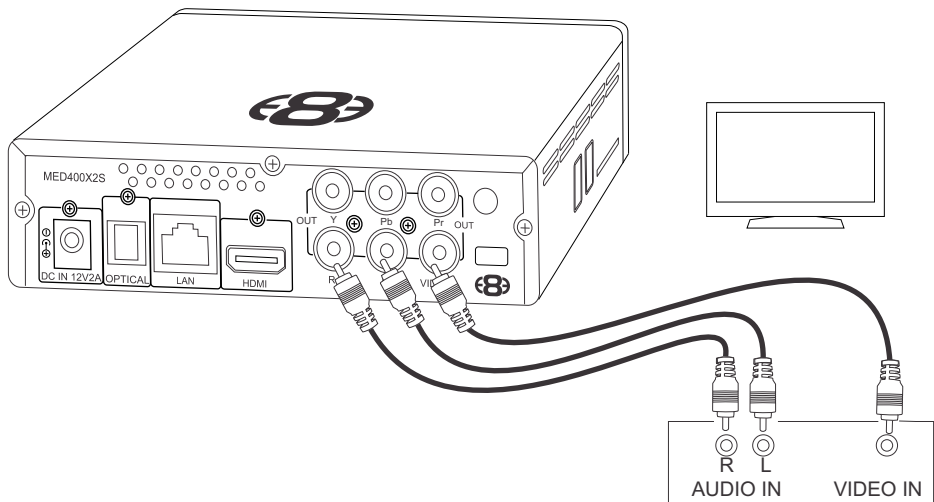
# GENERAL OVERVIEW



# CONNECTIONS

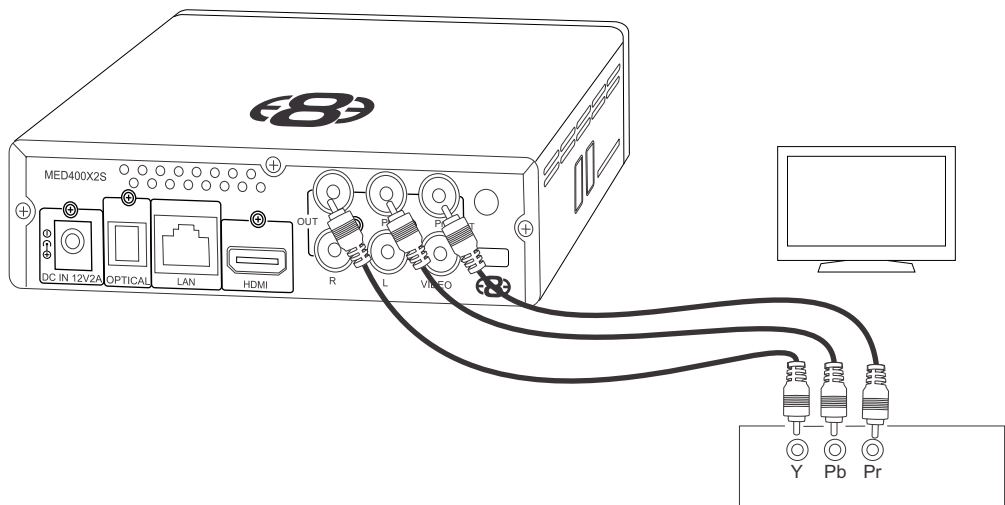
## Analogue Audio and Composite Video connection to TV.

Composite Video offers the most basic picture quality connection and should only be used if your TV does not have a HDMI or Component Video input. Use RCA analogue audio outputs in the absence of HDMI or Digital Audio inputs on your TV or Home Theatre system. RCA analogue outputs will downmix and audio output signal to 2 ch stereo.



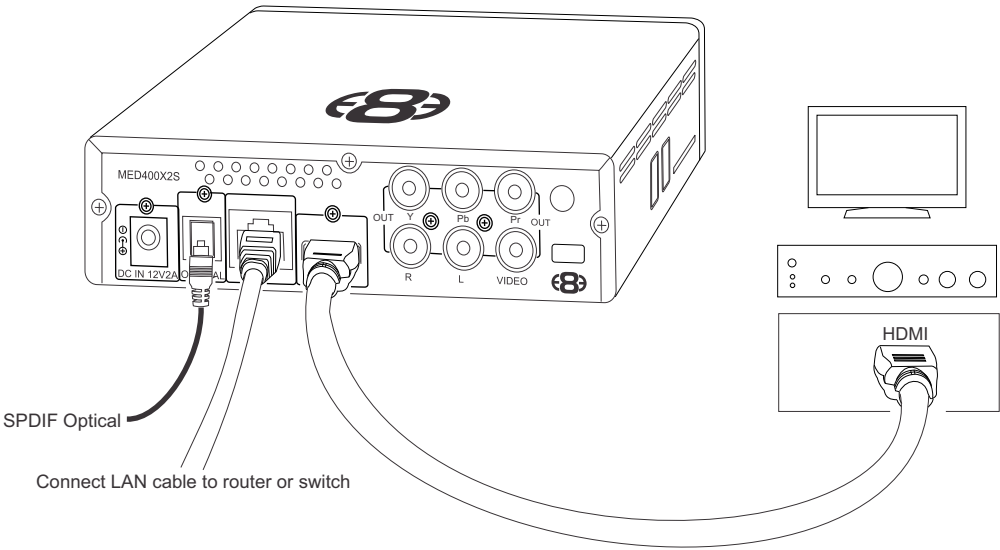
## Component Video Connection to Amp or TV

Component Video offers the next best picture quality to HDMI so if your system does not have a HDMI input we suggest you use the Component Video Connection.



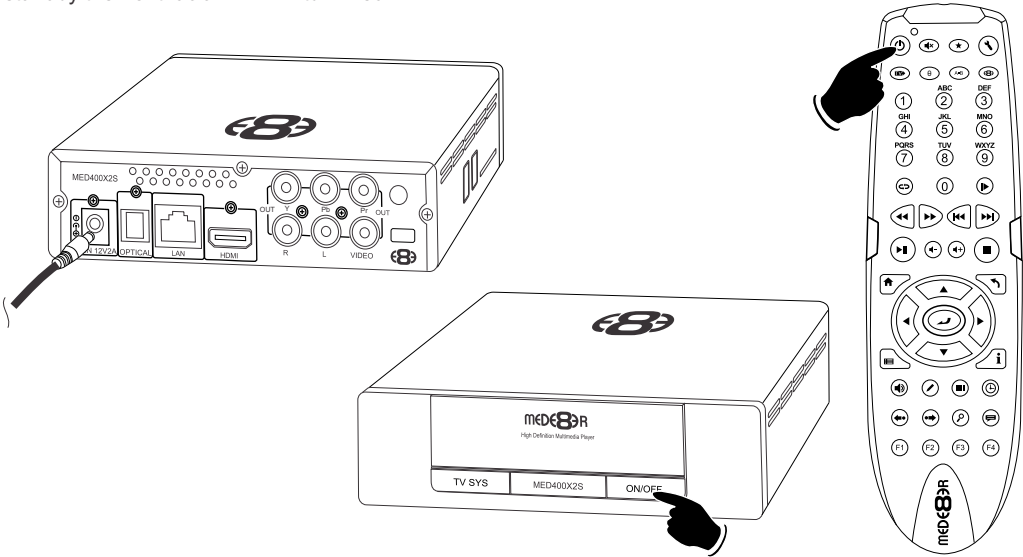
**HDMI - RJ45 Network - Toslink Connection to a TV or Amplifier**

For digital audio connection to your Home Theatre System use the HDMI connector. If your amplifier does not have HDMI connector than you can use the TOSLINK Optical Digital output. The MED400X2S supports both Passthrough and Downmix for both Dolby Digital and DTS signals.



**Power up and Standby**

Plug the AC/DC adapter into the mains outlet and plug the DC Jack into the DC IN at the rear of the MED400X2S. **DO NOT USE ANY AC/DC ADAPTER AND ONLY USE THE ONE SUPPLIED** otherwise you may cause damage to the unit. Press the On/Off button on the Mede8er's front panel and front facia LED will turn on Blue. You can put your Mede8er into standby by pressing the On/Off button on the remote. When in standby the front facia LED will turn Red.



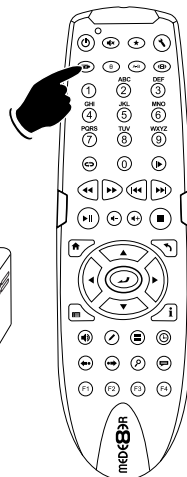
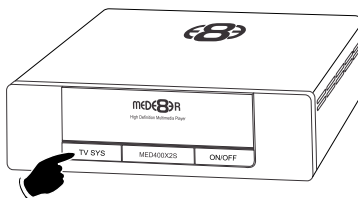
# TV OUTPUT SETTINGS

Connect the Mede8er to your TV by one of the connection options as shown on page 4 & 5 and change the input option on your TV to match the option you selected. If you do not get to see the Mede8er GUI on your TV you will need to toggle the Mede8er TV output until you get a picture.

## TV SYS Toggle Procedure

The Mede8er has three video output options ie Composite Video (yellow RCA connectors), Component Video (Red - Green- Blue connectors) and HDMI. Each output option also offers different screen resolution settings and these will need to be adjusted to match the type of TV used.

To change the Video Output on the Mede8er just press the TV SYS button on the remote and it will change the Video Output to the next available output option. If after pressing the TV SYS button you still do not get a picture then after a short pause press the TV SYS again until you see the Mede8er GUI on your TV. Keep repeating this procedure until you see a picture on your TV.



**Once you see the Mede8er GUI on your TV then you must enter the Video Setup mode and adjust the Video settings to match the screen size resolution of your TV.**

# AUDIO SETTINGS

## Surround Sound

Select "Don't Care" if you are using 2 CH stereo. If you are using SPDIF or Co-Axial Digital then select "AC3". If you are using HDMI Audio to amplifier then select "True HD"

## HDMI Downmix (2 channel)

Use this setting if you are connecting the Mede8er directly to the HDMI input on your TV. The sound will be downmixed to 2 channel stereo.

## HDMI Passthrough

Use this setting if you are connecting to the HDMI input of a Home Theatre Amplifier. The audio will be passed through as Bitstream or PCM and the amplifier will do the multichannel decoding.

## HDMI LPCM MULTI CH

Use this setting for content that has a 6 channel AAC soundtrack.

## SPDIF Downmix (2 channel)

Use this setting to connect to a Amplifier via Toslink optical cable or Co-Axial Digital RCA cable. The sound will be downmixed to 2 channel stereo.

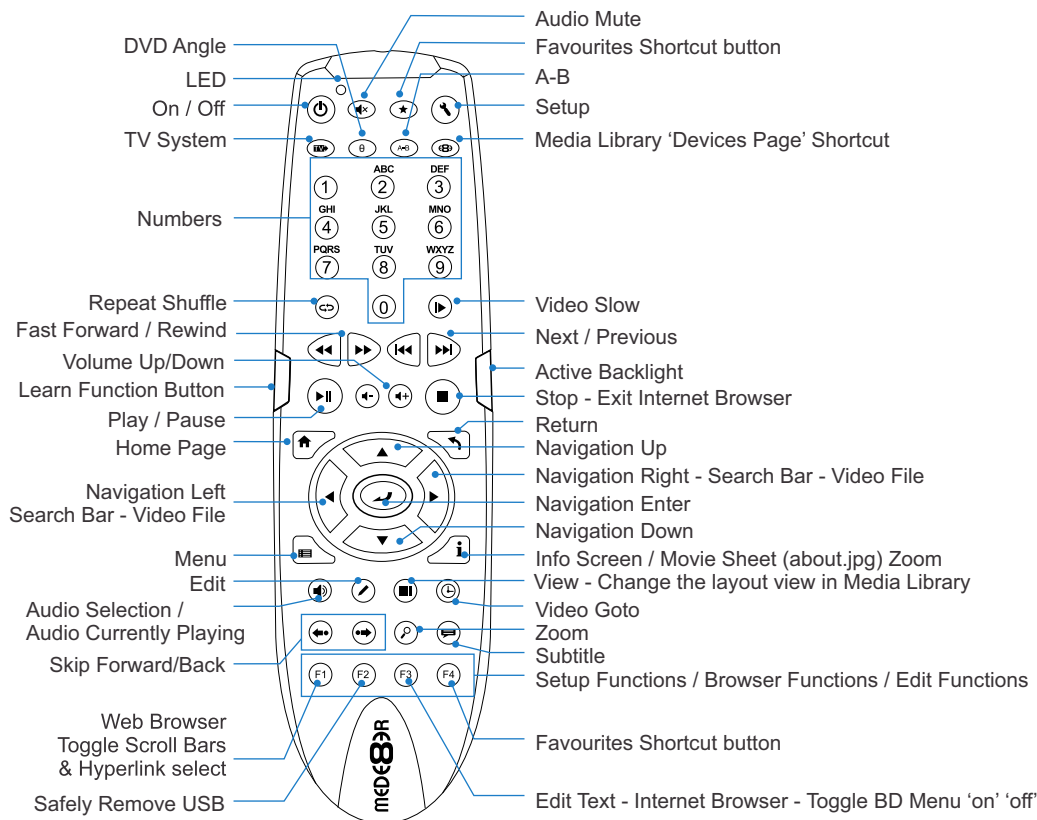
## SPDIF Passthrough

Use this setting to connect to amplifier via Toslink optical cable or Co-Axial Digital RCA cable. The sound will be passed through as Bitstream or LPCM and the amplifier will do the multichannel decoding.

## FORCE DECODE AAC/MP3

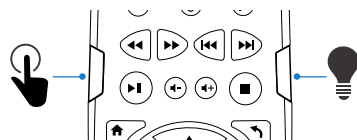
Use this setting if you do not get AAC/MP3 Audio in HDMI 'Auto' or Passthrough.

# REMOTE FUNCTIONALITY



## Remote Back Light

The X2 remote uses active Back Light technology. The activation button is conveniently located on the right side of the remote for easy access in the dark. Press the Back Light button and the remote buttons will light up. The backlighting will auto switch 'off' after 15 seconds of no activity. Press the Back Light button to manually switch 'off' the Back Lighting.



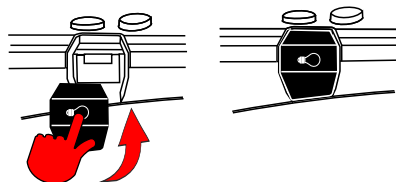
## Remote Function Button

You can assign any button on the remote to the 'Function' button. This is designed to be used as a shortcut button for a function that is used a lot.

**To assign a button -- press the 'Function Button' for 3 seconds and the Remote will enter 'Learn Mode' and the LED will turn on solid. Now press the button you want to assign and it will be learned and the LED will flash and then turn off. You can change the function button assignment at any time by repeating this procedure.**

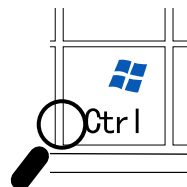
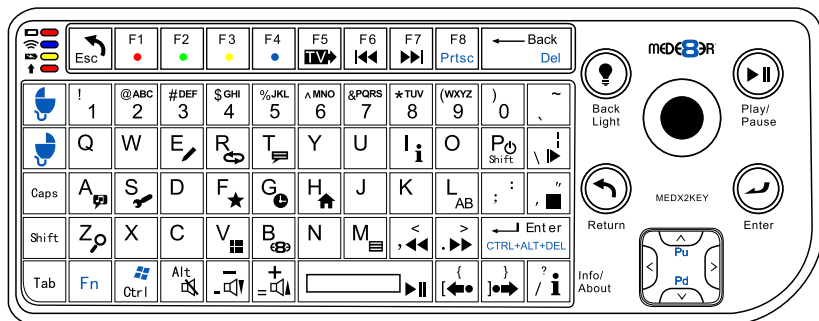
## REMOTE SIDE BUTTON REPLACEMENT

Should the remote TPE side buttons get worn or damaged you can install the spare set of button that are supplied standard with the X2. Remove the side TPE side buttons. Place the correct side solid button into position and push it firmly and the button will self lock into position.





# USB Keyboard Function Keys (based on MEDX2KEY) Optional Extra



'Ctrl' - ZOOM  
YouTube,  
Internet Browser

ESC: RETURN SPACE: PLAY  
ENTER: SELECT(ENTER)  
'0': 0 '1': 1 '2': 2 '3': 3 '4': 4 '5': 5 '6': 6 '7': 7 '8': 8 '9': 9  
'-': VOL\_DOWN '+' : VOL\_UP  
'P' + 'SHIFT': POWER OFF  
'R(r)': REPEAT 'T(t)': SUBTITLE  
'I(i)': INFO 'A(a)': AUDIO  
'G(g)': GOTO 'H(h)': HOME  
'Z(z)': ZOOM '/'(?): Info / About  
'Ctrl' (z) : ZOOM YouTube, Internet Browser  
'Ctrl' (i) : ZOOM VIDEO FULL SCREEN Internet Browser  
'Ctrl' (quotation marks) : EXIT BROWSER - Stop Icon  
'(<)': FRWD '(>)': FFWD

'F(f)': Favourite 'E(e)': EDIT  
'M(m)': MENU 'S(s)': Setup  
'V(v)': View 'L(l)': AB  
'/(l)': SLOW " ("): STOP  
'/(?)': Info / About '[(l)': Back Skip  
'[)]': Forward Skip 'W(w)': Launch Web Browser  
'B(b)': Browser - Devices  
'Alt': Mute 'Fl': Red button  
'F2': Green button 'F3': Yellow button  
'F4': Blue button 'F5': TV Sys  
'F6': Previous Chapter 'F7': Next Chapter  
'F8': Menu - Internet Browser

## FIRMWARE UPDATE

Download the latest Mede8er Firmware from [www.mede8erforum.com](http://www.mede8erforum.com). UnZIP or UnRAR or join with HJ Split and will find one file named install.img. Copy this file to the root directory of a Flash Drive. Plug the flash drive into the Mede8er.

**DO NOT REMOVE POWER DURING THE EMERGENCY RECOVERY PROCEDURE.**

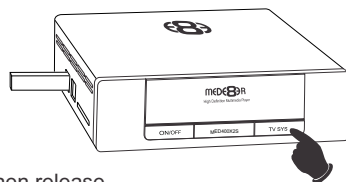
### Setup Menu Update with Auto Configuration Restore

Open the Setup Menu and select the "Misc" tab. Now select USB upgrade option. After +- 5 sec the screen will display the current Firmware Version and the New Firmware Version. You will have the option to select "OK" or "Cancel". Select "OK" and the Mede8er will reboot within +- 1 second and start the update process will start in +- 10 seconds. During the update process the front facia Blue LED will flash and you will see the version of the Firmware and the install progress bar on your TV screen. After the update is complete the Mede8er will reboot with the new firmware installed.

**If the Mede8er does not reboot within 5 seconds (after pressing the "Enter" button) then press the "Home" button to initiate**

### Emergency Method (Resets Configuration to Default)

Disconnect the power jack at the rear of the Mede8er then plug it back in - Now press the on/off button and hold it pressed for 15 seconds and then release.



After approximately 15 seconds the LED on the Mede8er will flash blue and you will get a progress bar on your TV display (some TV's will not display this) wait until the Mede8er re boots itself +- 60 sec. Your Mede8er is now updated.

# SAMBA (Network Setup)

If your PC or NAS has shares setup to specific users then you will need to setup a shortcut on the X2 to each machine and specify the IP, Username and Password

## Setting up Samba shortcuts on the Mede8er

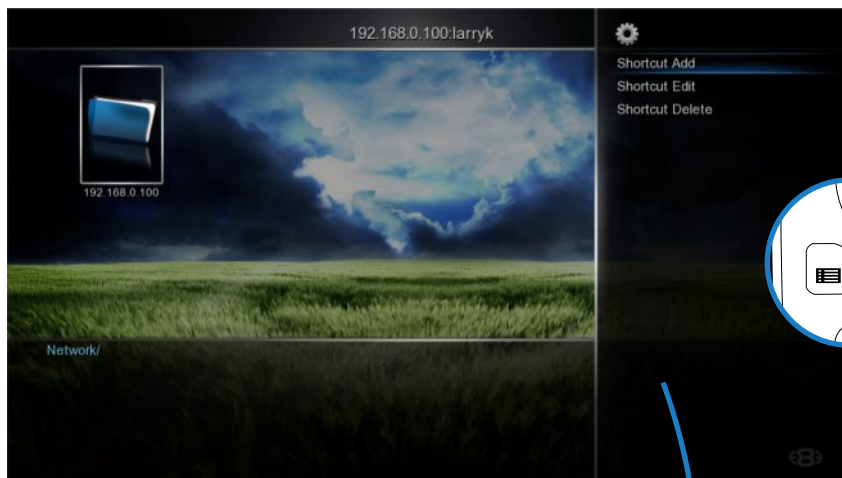
Select 'Network' and then select the 'My\_Shortcuts' icon. Now press the 'Menu' button and select 'Add New Shortcut' option. Fill in the fields User Name, Password, IP Address (Host Machine), and select 'OK'

**NOTE:** In order to browse your secure shares you will have to enter 'My\_Shorcuts' and then select the Shortcut's that you have setup.



## PUBLIC SHARES

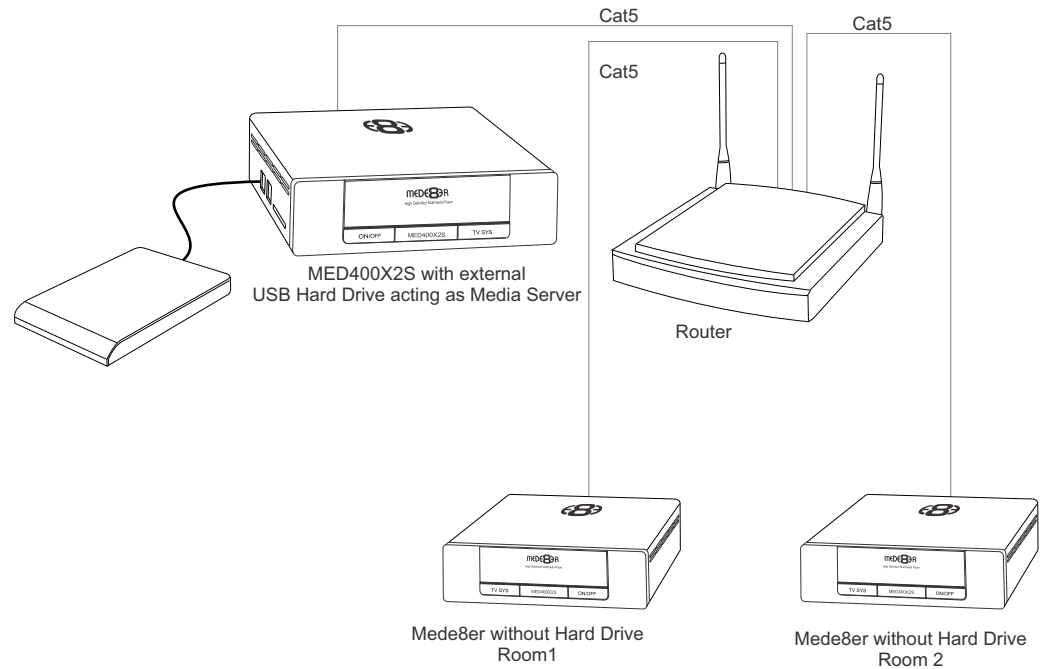
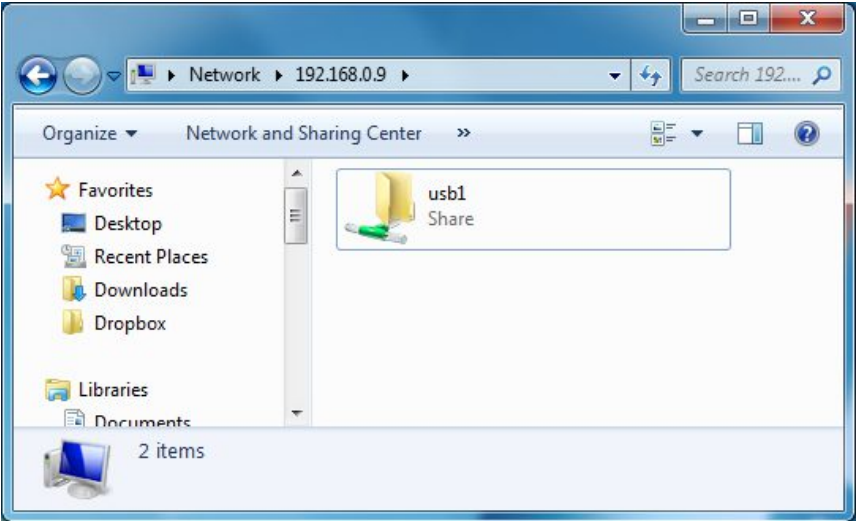
For Public Shares (shares that do not have a Username and Password) just use the name 'Guest' for username and password.



# HOME NETWORK SAMBA SERVER

The Mede8er has NAS (Network Attached Storage) functionality built in. And although it is limited in transfer speed compared to standalone NAS servers it performs very well if speed is not your major requirement. You can also use the MED400X2S as a Media Server and stream content to other Mede8er's on your home network.

The Samba function is enabled or disabled in the System menu under Network. Should the Samba stop working for any reason we suggest you re-boot the Mede8er ie Disconnect the DC Jack at the rear and re connect and press the on/off button on the front panel.



# WIRED NETWORK CONNECTION AND SETUP

The Mede8er MED400X2S can be connected to your local network by means of a RJ45 CAT5 cable. The Mede8er is supplied standard with a UPnP facility, Samba Client and NFS that allows connection to your local area network via a router or switch. You can share media files from your PC and stream media content to the Mede8er and you can use the Mede8er as a Media Server to stream media content to other Mede8er's on your network.

Press the "setup" button on the Mede8er Remote or select "setup" tab on the home page. Select "Network" option in the setup window and press "OK" to confirm. Network configuration allows for either automatic or manual IP setup.

Follow the on-screen instructions to complete the network setup.  
If you connect to a wired Ethernet network using DHCP, Mede8er automatically detects your network. Alternately you may have to enter your IP address, subnet mask, router, and DNS addresses manually.

## DHCP IP (AUTO)

Choose this option if you want your router to assign a dynamic IP address to Mede8er. This option is easy to use and recommended for normal users.

## FIX IP (MANUAL)

This option allows you to assign a static IP address to Mede8er. This option requires modifying network settings of the Mede8er and is recommended for advanced users. To set a Static IP for your Mede8er, enter the information IP Address, Subnet Mast and Gateway and DNS Server Address as relevant to your router as in the screen below.

DHCP IP Auto



Fixed IP Manual



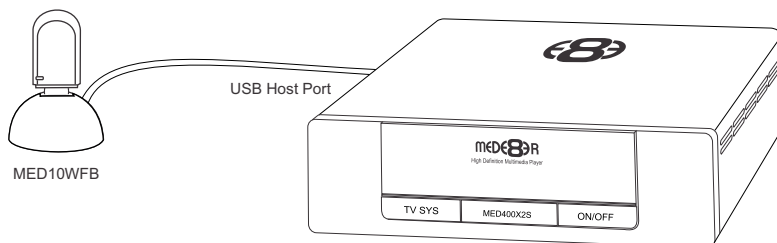
## WIRELESS USB DONGLE INSTALLATION (After Market)

The MED400X2S is only compatible with the optional (unless otherwise stated on the packaging) Mede8er Wireless Dongle MED10WFB. (Other brands will not work)

**Refer to User Instructions supplied with the Mede8er dongle for detailed wireless connection setup.**

### WIRELESS NETWORK CONNECTION

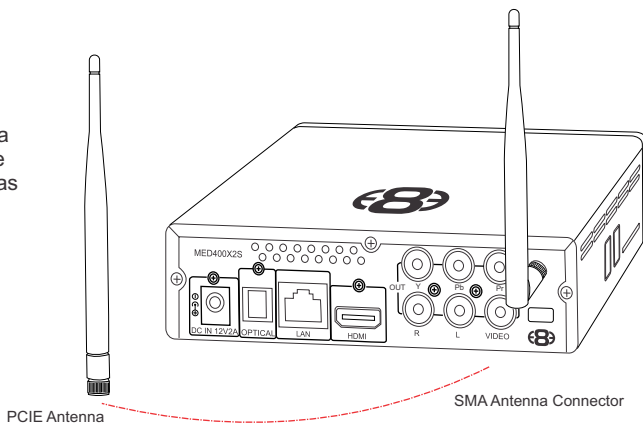
Plug the WiFi Dongle into the USB extension base that was supplied with the MED10WFB. Plug the USB cable into one of the USB host ports on the side of the MED400X2S. Extend the cable and place the base in a position that is away from any metal object that could effect the Radio Frequency signal strength. The best placement for the WiFi Dongle will depend on your particular environment. In order to get the best placement you may need to extend the length with an additional USB extension cable.



## WIRELESS PCIE ANTENNA INSTALLATION (Factory Fit)

Certain models of the MED400X2S (depending on the region) may be available with a factory fitted PCIE WiFi kit. Check the packaging information to confirm if your model has the pre installed WiFi Kit.

Screw the antenna into the SMA antenna connector on the MED400X2S. Twist the antenna gently into the vertical position as shown.



The operating distance or range of your wireless connection can vary significantly based on the physical placement of the Router and the WiFi Dongle or PCIE antenna.

For best results, place your Router:

- \* Near the center of the area in which your MED400X2S will operate.
- \* In an elevated location such as a high shelf.
- \* Away from potential sources of interference, such as PCs, microwaves, and cordless phones.
- \* The Antenna should be screwed in tight and in the upright position.
- \* Away from large metal surfaces.

# WIRELESS SETUP

Open Setup Menu then 'Wireless Setup' and you should see a list of available SSID's with signal strength info. Press the 'Zoom' button to refresh the list. Select the SSID you want to connect to and press 'Enter'

If the WiFi Router has password protection enabled then you will be required to enter the security key of your WiFi router. Enter the key into the virtual keyboard.

Select **DHCP IP (AUTO)** if you want your router to assign a dynamic IP address to the X2.

Select **FIX IP (MANUAL)** if you want to assign a static IP address to the X2.

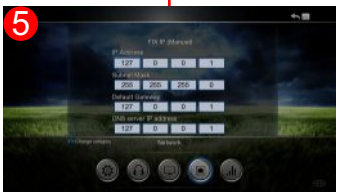
If you selected Fix IP then you must enter the  
**IP Address**  
**Subnet Mask**  
**Default Gateway**  
**DNS Server IP**

After inputting these settings press 'Enter'

The X2 will now test the connection.

If the connection was successful then the X2 will display the Net Info screen. This screen shows details of the connection.

Press 'Enter' and then you can press 'Return' to exit the WiFi Setup Page.





# HOME PAGE

The Mede8er Home is the central point where you can launch all the user applications. Press the Right/Left Navigation buttons on the remote to navigate the Home Page and press “Enter” to launch the selected page.



## FAVOURITES

Create, manage, apply Genre cover art to local and network folder shortcuts.



## MEDIA LIBRARY

In Media Library you can browse all your media content on the SD Card, USB Devices and Network and launch the built in File Manager to manage and transfer your content.



## MOVIE DATABASE SEARCH (USB only)

The Movies Database Search page will display all information about Video Files and allow you other functionality such as search, most viewed and recently added.



## MUSIC DATABASE SEARCH (USB only)

The Music Database Search page will display all information about your Music Files and allow you other functionality such as Search and filtering options such as sort by -- Albums, Artists, Genres, Year and access to Playlists.



## PICTURES DATABASE SEARCH (USB only)

The Pictures Database Search will display all information about your Pictures and Images and allow you other functionality such as Search and filtering by recently added and recently viewed.



## INTERNET MEDIA

The Internet Media page contains all the Internet Media such as Web Browser, Social Media, Flickr etc

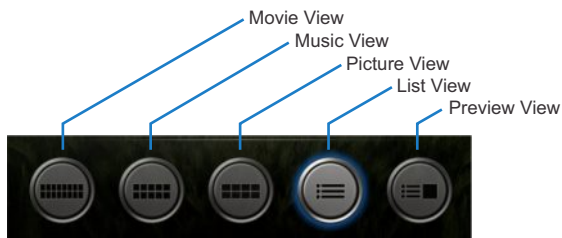


## SETUP

The Setup page is the area where you personalize the setup option for your needs

# MEDIA LIBRARY

The Mede8er Media Library has five built in standard views ie Movie View, Music View, Picture View, List View, List View and Preview View. The Media Library has been designed so that the view can be easily changed on the fly. In the Media Library you have the option of changing the Views Manually or you can enable the 'Auto View' option in the Setup Menu. If the 'Auto View' option is enabled the X2 will automatically save the last used 'View' of the folder. The next time you enter the same folder it will automatically change to the saved View. Auto View mode requires that the X2 has 'write' permissions as it needs to save a xml file to each folder. Auto View is disabled in Jukebox mode.



1. Media Icons 2. File Name 3. Focus Bar 4. Scroll Bar 5. Folder Path 6. Metadata Rating 7. Metadata Genre 8. Metadata Movie Length 9. Watched Indicator 10. Index 11. View Icons



Movie View



Music View



Picture View



List View

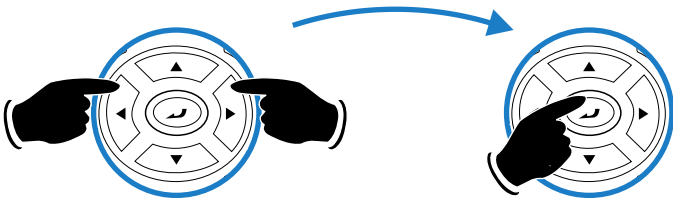


Preview View



# MEDIA LIBRARY CONTINUED

To change the View of the Media Library press the “View” button on the remote and the Media Library strip will show. Press the ‘View’ button again and the focus will change to the next icon. Repeat pressing the ‘View’ button until the icon you require is selected and then wait and the X2 will automatically change the Media Library view to the icon you have selected.

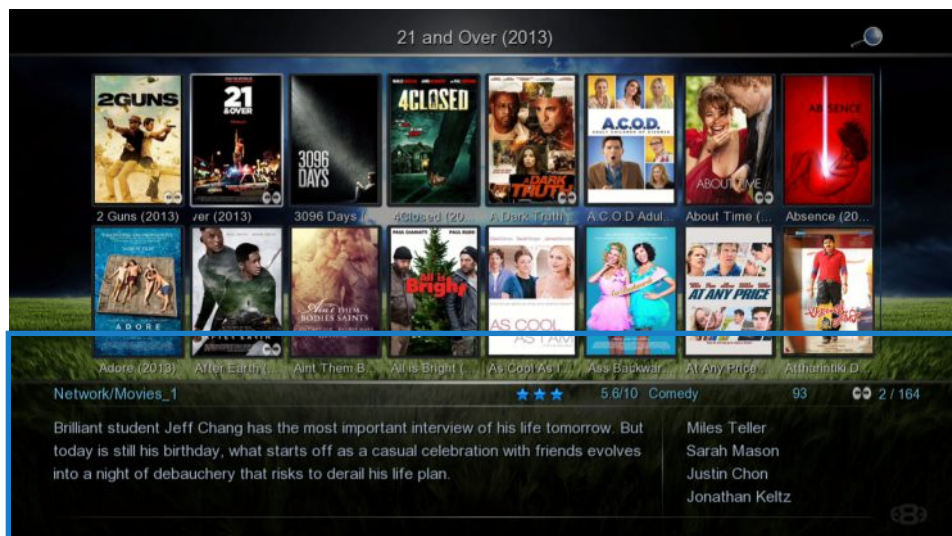


# MEDIA LIBRARY METADATA DISPLAY

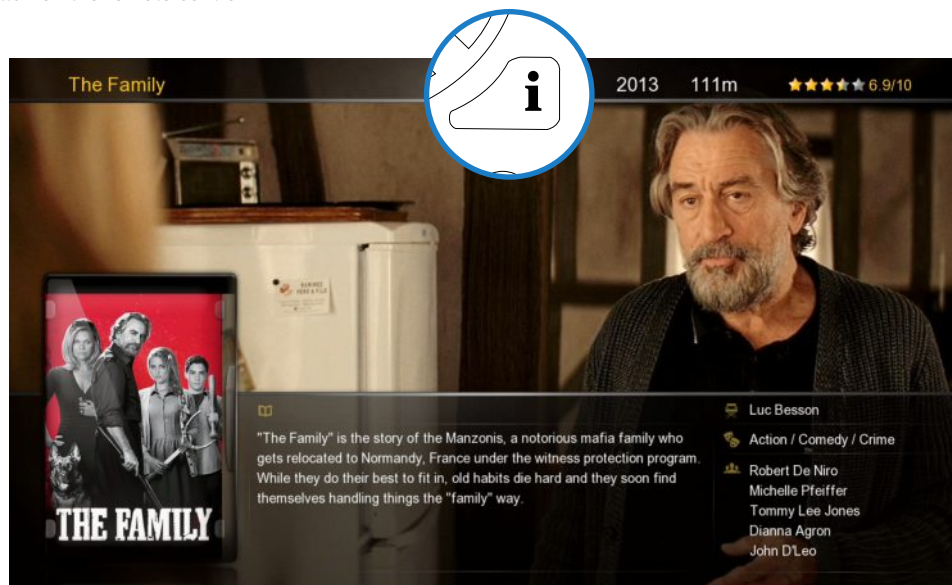
The Media Library will display basic Movie Metadata in all 'Views'. This unique Mede8er functionality will greatly enhance your Media Library browsing experience and make it real easy for the whole family to enjoy. In order to take advantage of the advanced functionality you will need to scan your movie collection in order to make the required xml files. To create the xml with Windows use Y2M (YAMJ to Mede8er) or Thumbgen and for Apple Mac we suggest you use DunX2Mede8er. Pls check the Mede8er Forum for more details on these PC Programs.

Movie Rating - stars out of 5, Movie rating - x out of 10 , Movie Genre, Movie Run time

Visit the Mede8er Forum for downloads and instructions on using Y2M. [www.mede8erforum.com](http://www.mede8erforum.com)

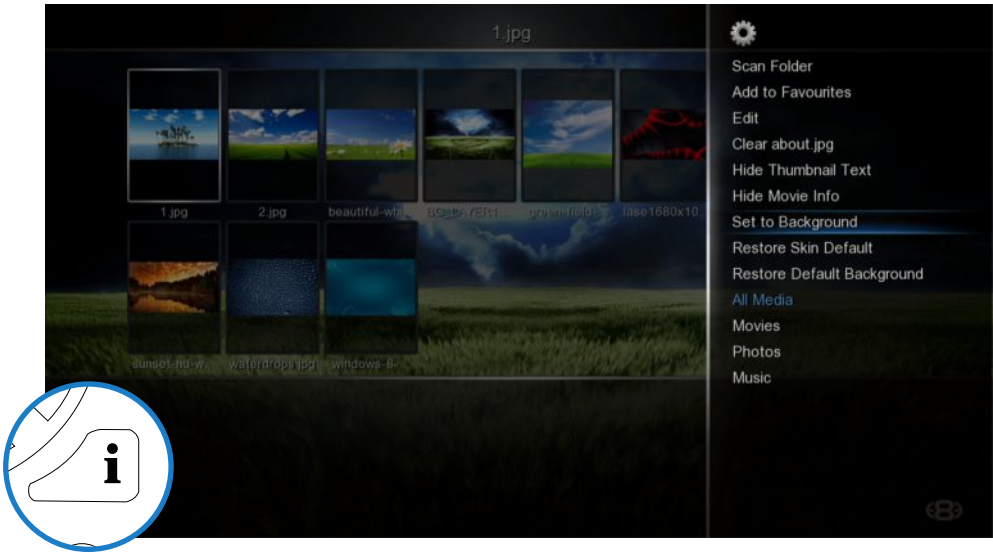


You can view the Movie Sheet that contains the full movie details at any time by pressing the "Info" About button on the remote control.

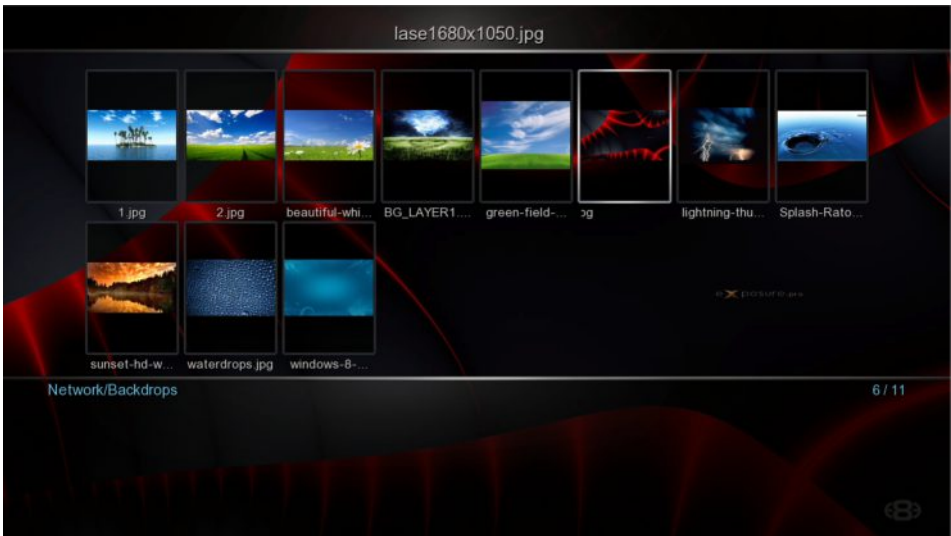


# ADDING CUSTOM BACKDROPS AND SKINS

You can easily customise your X2 by adding your own backdrop image. Prepare the jpg image to size 1280 x 720 pixels with max size 500KB. In the X2 Media Library navigate to the image you require and press the 'Menu' button. Select the option 'Set to Background' and the x2 will load your new backdrop into flash memory and use it as its default. You can always revert to the Mede8er original default by selecting the option 'Restore Default Background'



The skin option is community driven and you can find some unique designs available for download from the Mede8er Forum. To load a skin -- just download it and unzip /unrar it to a folder. In X2 navigate to this folder and press the 'Menu' button and select 'Add to Skin Option' The new Skin will be loaded into flash memory and used as the new default skin. You can revert back to the original skin at any time by selecting the option 'Restore Default Skin'



# XML SEARCH (JUKEBOX FUNCTION)

The X2 has a built in XML Search facility that will allow you to sort and arrange your Movie Collection by pre defined xml filters. The XML Search can be used with content on External USB Hard Drive, Samba Network and NFS Network.

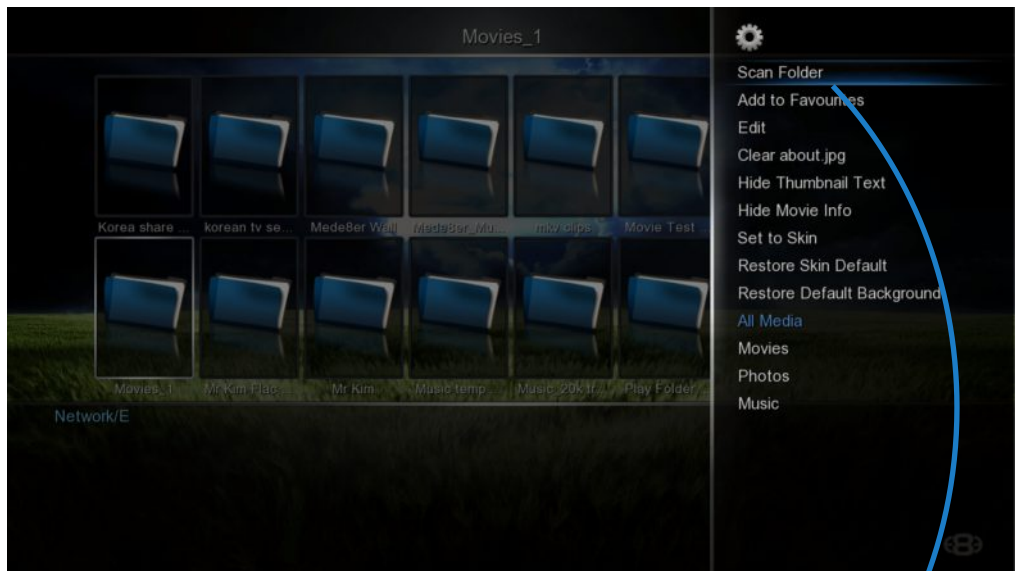
## Library Preparation for XML Search operation

The Media Library must conform to the Mede8er standard with all the relevant movie file information in its own folder. A typical folder will contain - Video File - Folder.jpg - About.jpg - XML File - Subtitle file. Once you have arranged your Video Collection into individual folders you can use Windows - Y2M (YAMJ To Mede8er) or Thumbgen / Mac - DunX2Mede8er to scan the folders to make the requires images and xml files.

## Scanning your Library

In order to provide XML Search functionality the X2 must scan your library and build a Database file. To scan your library you must focus on the Root Folder of your library and press the 'Menu' button and then select the 'Scan Folder' option. The X2 will start the scan process and Scan all folders and sub folders in order to build the dBase file. The Search criteria is to only include folders that have a valid Y2M/ Thumbgen / DunX2Mede8er XML inside. The folder depth level is not limited in the X2 firmware but the path of the string cannot be longer than 512 characters and the max number of sub folders cannot exceed 4096. The Database file 'Mede8er.db' will be save to the root of the folder that has been scanned. Network shares must be 'Write Enabled' for the scan process to complete. If new content is added to the root folder then the scan operation must be repeated. Scanning time is quick and it should take about 30 seconds to scan over 300 video files.

Note: The Maximum amount of Movies in one Database is currently +- 2000. If you scan a library with more movies than 2000 then the operation of the xml Search can become erratic and you may experience that the Mede8er often crashes.





# MOVIE SCRAPER

The V3 firmware supports Movie scraping of Images and Metadata via a downloadable App. The Scraper App uses the tmdb api and as such we suggest you join the tmdb and contribute in to keep all Languages and Images as up to date as possible.

## Settings

By default the Scraper will scrape in the Language as set in the X2 GUI. The Scraper Language can be changed to a specific Language in the Setup Menu -- Setup --> Misc --> Scrape Language

## Preparing your collection

For correct Scraper functionality all Movies, Documentaries and Music Concerts must be arranged in the normal Mede8er folder structure ie one video file per folder. Sub folders within a movie folder named 'Subs' or 'Sample' will not be scraped and for other sub folders that you do not want scraped you can add a file named 'mjbignore.xml' and it will be ignored. Any folder with a movie.name.xml will not be scraped and you can use the edit facility to edit these movies. The App uses the folder name with a fallback to movie name for scraping purposes. For best results we suggest you name your folders 'Movie Name (Year)'

## Scanning your Library

**The Root folder of the Movie Collection must be write enabled.** To scan your library you must focus on the Root Folder of your library and press the 'Menu' button and then select 'Add to Favourite' option. Open the Favourite screen and focus on the shortcut and press the 'Menu' button and select the 'Scan' option. The X2 will start the scan process and Scan all folders and sub folders in order to scrape images and xml files and at the same time it will build a dBase file. Progress of the scan will be displayed. If new content is added to the root folder then the scan operation must be repeated.

## Changing the Movie Sheet Skin (about.jpg)

The look of the Movie Sheet can be changed by downloading and installing a skin from the Mede8erforum.com. To Install the Scraper Skin - download and unzip the skin file - navigate to the skin folder and press the 'Menu' button and select option 'Set to Skin' and the new skin will be installed. 'Set to Skin' function is not cumulative so if you require to install a main GUI skin and a scraper skin then copy the folder 'scraper' (found inside the scraper skin folder) into the GUI skin folder and use the 'Set to Skin' function.

**To update the movie sheet skin on an existing collection that was scraped in V3**

- Focus on the root of your movie collection and press 'Menu' and select 'Clear about.jpg'
- Focus on the root of your movie collection and press 'Menu' button and select 'Scan'
- X2 will generate new Movie Sheets with the new skin



# Edit Scraped Movies

You can edit a movie in both the Media Library and in the Movie JukeBox. To edit a movie from the thumbnail cover - focus on the Movie Thumbnail and press 'Menu' and then select 'Edit'. To Edit a Movie from the movie sheet 'about.jpg' - press the 'Edit' button on the remote control. If the scraped movie results are totally incorrect you can edit the Movie name and select 'scrape' and the App will scrape based on the new name you made and the source folder name will not be changed, the modified name will only be used for search purposes. The search results will be displayed and you can use the Right Nav button to browse all the movies that were found. Select the correct movie and press 'Enter' and its details and images will be loaded onto the screen. Another method is to enter the IMDB tt ref number to find a particular movie. Look up the movie on [www.imdb.com](http://www.imdb.com) and note the tt number in the address bar and enter this into the text input on the Virtual Keyboard on the Mede8er

[http://www.imdb.com/title/tt1190080/?ref\\_=sr\\_1](http://www.imdb.com/title/tt1190080/?ref_=sr_1)

## NOTE

JukeBox+ folders cannot be scanned or edited. All scanning & editing must be done on the source folders.



## Search results screen

After a search the results will be displayed showing a poster of the movie, year, plot and star rating. If there are multiple results then left and right arrows will be displayed and you can navigate all the search results by pressing the Right / Left Nav button. Focus on the correct movie and press 'Enter' and the images and info will be loaded onto the screen.



## Select Fanart Images

Use the Left / Right Navigation buttons to navigate the screen. When the Fanart background is highlighted in blue - press the 'Enter' button and a selection of available fanart images will be displayed. Navigate the fanart images with the Left / Right Navigation buttons and select the one you require by focusing on it and pressing the 'Enter' button.



## Select Movie Poster Images

Use the Left / Right Navigation buttons to navigate the screen. When the Movie Poster cover is highlighted in blue - press the 'Enter' button and a selection of available movie posters will be displayed. Navigate the poster images with the Left / Right Navigation button and select the one you require by focusing on it and pressing the 'Enter' button.



## Change Movie Info Options

Use the Left / Right Navigation buttons to navigate the screen. Options that are available for editing are Year, Runtime, Star Rating and Genre. To Edit a option - focus on the option and use the Up / Down Nav buttons to change the value. After editing Genre press the 'Return' button to return to the main screen.

# TV SERIES SCRAPER

The V3 firmware supports TV Series scraping of Images and Metadata via a downloadable App. The Scraper App uses the thetvdb api and as such we suggest you join the tvdb and contribute in order to keep all Languages and images as up to date as possible.

## Settings

By default the Scraper will scrape in the Language as set in the X2 GUI. The Scraper Language can be changed to a specific Language in the Setup Menu -- Setup --> Misc --> Scrape Language

## Preparing your TV Series

For correct Scraper functionality TV series must be arranged in a standard form that Mede8er can understand ie same structure as used by TVRename.

**The root folder must have the words 'TV Series' in the folder name and its case sensitive.**

Root Folder ----> **TV Series**

-----> **TV Series Name 1**

-----> Season 01

-----> series.name - S01E01 - episode.name.mkv

-----> series.name - S01E02 - episode.name.mkv

-----> etc etc

-----> Season 02

-----> series.name - S02E01 - episode.name.mkv

-----> series.name - S02E02 - episode.name.mkv

-----> etc etc

-----> Season 02

-----> etc

-----> **TV Series Name 2**

-----> Season 01

-----> series.name - S01E01 - episode.name.mkv

-----> series.name - S01E02 - episode.name.mkv

-----> etc etc

-----> Season 02

-----> series.name - S02E01 - episode.name.mkv

-----> series.name - S02E02 - episode.name.mkv

-----> etc etc

-----> etc

## Season folder naming

The Season folder must be named Season 1 or Season 01 etc

## Episode naming

Episodes should be named in a specific way in order for the App to scrape them correctly.

### Examples

2 Broke Girls - S01E01 - Pilot.mkv

2.Broke.Girls.S01E01.Pilot.mkv

2 Broke Girls - 1X01 - Pilot.mkv

2.Broke.Girls.1X01.Pilot.mkv

A good program that will assist correct naming can be downloaded from <http://www.therenamer.com>

## Auto View Setup Menu

For correct functionality you must enable 'Auto View' --- Setup --> Misc --> Auto View

## Write Enabled

The source folder of the TV Series must be write enabled in order for X2 to save data and images.

## TV Series Scanning

For first time use you must Scan the root of the TV series as X2 will add some required files to the structure during the scan.

## Scanning in Media Library

Focus on the root folder 'TV Series' and press the 'Menu' button and the X2 will start the TV Series scan and display a busy icon while the scan progresses.

## Scanning from a Favourite Link

Focus on the Favourite Link 'TV Series' and press the 'Menu' button and the X2 will start the TV Series scan and display a busy icon while the scan progresses.

During the scan the App will add images and xml files automatically.

After the initial 'TV Series' scan you can scan the Series folder directly if required.

**Note: 'Season' folders cannot be scanned or edited.**

## Edit TV Series

X2 TV Series App has a built in TV Series Edit facility. The Edit facility is used to correct Series names that do not match the tvdb api name list and for Series that were incorrectly scraped. The Edit also offers facility to change the Fanart and TV Series posters.



## Search results screen

After you conduct a search, the results will be displayed showing a banner of all the matching TV Series. If there are multiple results then left and right arrows will be displayed and you can navigate all the search results by pressing the Right / Left Nav buttons. Focus on the correct TV Series and press 'Enter' and the images and info will be loaded onto the screen.

### Select Fanart Images

Use the Left / Right Navigation buttons to navigate the screen. When the Fanart background is highlighted in blue - press the 'Enter' button and a selection of available fanart images will be displayed. Navigate the fanart images with the Left / Right Navigation buttons and select the image you require by focusing on it and pressing the 'Enter' button.

## Select Movie Poster Images

Use the Left / Right Navigation buttons to navigate the screen. When the TV Series Poster cover is highlighted in blue - press the 'Enter' button and a selection of available TV Series posters will be displayed. Navigate the poster images with the Left / Right Navigation button and select the image you require by focusing on it and pressing the 'Enter' button.

## Rescan TV Series

When new content is added to the TV Series structure it is required that you re-scan the TV Series or the Series folder in order to build the new images and xml files. **Existing Episodes with matching 'episode.name.xml' files will not be re-scanned.**



# JukeBox View

In Setup under 'Misc Options' you can select JukeBox View -- on/off

**JukeBox View 'off'** - Favourite Links to a Jukebox will be presented in a normal structure and you can navigate the scanned Folders and Sub Folders folder as you normally would in the Media Library.

**JukeBox View 'on'** - Favourite Links to Jukebox will be presented in JukeBox View ie 16 Covers in a flat display. The internal folder structure of the folders will be ignored.

You can add a scanned XML Folder to Favourites in the normal way.

## JukeBox View

On

## Using XML Search - Media Library

To use the XML Search you must navigate to the root folder that was scanned and open it. You will see a XML Search icon on the top right of the screen.



### Using XML Search - Favourite Link

If the Jukebox was launched from a Favourite link then the contents will be displayed in Jukebox Style (provided the Jukebox View is enabled in the Setup Menu).

If you see the Search Icon top right of the screen you then have Jukebox functionality. Press the Menu Button and you will have a choice of XML Search option.

### Sort Search Results by Latest / Alphabetically

You have the option to have the Search results filtered by 'Latest' ie the date you added the movie to your collection or in Alphabetic order. This is a global setting and will be stored in memory. After selecting this option you must then do a XML Search.

### Watched Indicator

If this option is enabled in the Setup Menu then it will then show on the XML Search Menu. You will have the option to Mark the Video as Watched / Unmark as Watched. The Video file will automatically marked as Watched if more than 10% of the Video was watched.

### Folder Lock

If enabled in the Setup Menu (Folder Protection) You will be able to lock any Movie in the Jukebox. Just focus on the Movie cover and press the Menu Button and select the 'Lock' option and the Movie will be locked. To unlock the Movie just focus on the cover and press the Menu Button and select 'Unlock' then enter your 4 digit pin code and the Movie will be unlocked. Default code is 0000

### Hide Movie Info

If this option is selected the XML Movie Info will be hidden and 3 rows of Movie Thumbnails will be displayed in the Movie Jukebox.

### Title Search

Select the 'Title' option to perform a Movie Name Search. Enter the 'movie name' or 'key word' into the Virtual Keyboard and the X2 will search the folder names for a match and display the results.

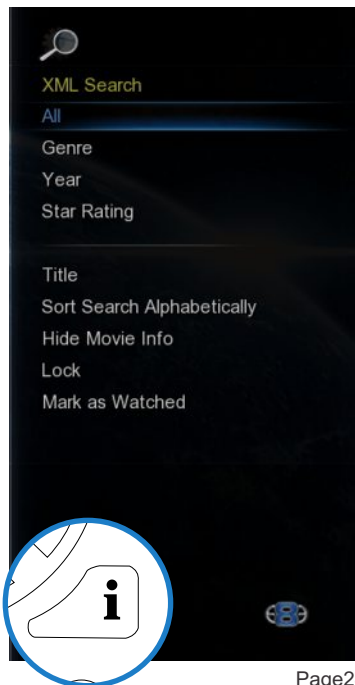
**All** - All content will be displayed by 'Latest' or in 'Alphabetic' order.

**Genre** - list of all the available Genres in the dBase will be displayed.

**Year** - This is the release date of the movie. A list of all the 'Years' ie release dates in the dBase will be displayed.

**Star Rating** - The star rating is the IMDB users rating for the movie.

**Alpha Search** - Use the Alpha buttons on the remote. An Alpha search can be conducted within a dBase XML Search.



# MEDIA LIBRARY - MUSIC PLAYER

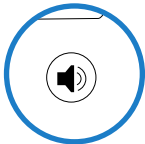
Select any supported music file and the Music Player Screen will launch. If the music file has embedded information tags and images then these will be displayed on the right hand side in the preview window area. If you do not want to use embedded mp3 art or you are using .m4a, ape or flac files you can save the Album Cover as a jpg file named 'folder.jpg' to the Music Album Folder and the X2 will use it if it does not find any embedded art in the music files. Suggested size of the embedded art is 230 x 230pixels.

The X2 also supports Music Fan Art. Make a image called 'fanart.jpg' size 1280 x 720 and save it to the Album folder.The X2 will automatically display the Fan Art background when you select any track in the Album.



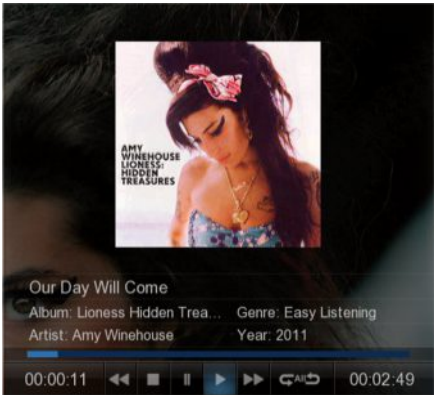
## Currently Playing - Music Shortcut

Press the 'Audio' button to take you back to the Currently Playing music.



## Music Jukebox





Pls visit the Mede8er website for the Online Guide



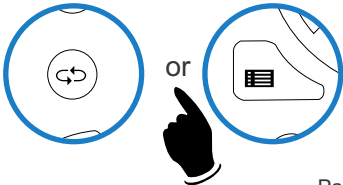
Current Track Time      Total Track Time

### Music Jukebox Online User Guide.

[http://www.mede8er.com/mede8er\\_music\\_jukebox\\_user\\_guide.html](http://www.mede8er.com/mede8er_music_jukebox_user_guide.html)

-  **OFF** - Repeat and Shuffle off
-  **Repeat Track** - Repeat the current track
-  **Repeat All** - Repeat all tracks in the folder. Shuffle off
-  **Shuffle** - Shuffle all tracks in the current folder

Music Repeat



# MUSIC JUKEBOX



The X2 Jukebox relies on the embedded Music files 'Tag' information and correct image sizing for its functionality, so it is critical that you spend the time to correctly Tag your music collection.

## Music Jukebox Features

Direct MP3 Scan \* Supports Mp3, OGG, Monkey's Audio, Flac, AAC, wma, m4a -- when scanned with Tagscanner \* Works on local drives and Network shares \* Displays Tag information in the Music Player Screensaver with Album Artwork \* Supports .cue files play function (Album based) \* QPL (Quick Play List) Function \* Make and Save Mede8er m3u Playlists on the GUI \* Supports Playlist Creator 3 - 'Non extended information' m3u Playlists \* Search Album Year, Artist by drop list or Text input, Genre, Track Keyword \* Large collections supported +- 40 000 tracks \* Supports the Auto View function \* Easy Drop List selection with Right / Left Nav Alpha Jump \* Results filtered by Album or Title option \* Easy Setup for Multiple Music Jukeboxes \* iTunes DRM m4a / WMA DRM and advanced profile -- not supported

**Note: The Music collection cannot be mixed with Video content.**

## Basic MP3 direct Scanner Operation

Navigate to the root folder of your Music Collection and press the 'Menu' button and select the option 'Add to Favourites'. Press the 'F4' button on the remote to go to the Favourite page. On the Favourite page select the Icon Shortcut of the Music Collection you just made and press the 'Menu' button and select the 'Scan Folder' Option - the firmware will automatically detect the music files and then scan all the MP3 tags and build a music.db (music database) file and save it to the root folder of your collection. All non MP3 tags will be ignored. Your Music Collection can be in a nested folder arrangement. **Approx scanning time = 48 sec /1000 tracks**

## Multi Codec Scanner Operation

A free Windows PC program called Tagscanner together with a special Mede8er Script is used to scan the music collection and to export the Tag information to a file named TrackList.xml. Once you have installed Tagscanner then download the Mede8er Script and copy it to the 'Script' folder in Tagscanner ie C:\Program Files\tagscan5.1.610\scripts. **Remember you still need to install the Mede8er Script.** The script download link can be found on the Mede8er Music Online Jukebox Online User Guide.

Once you have completed using Tagscanner to tag and arrange your music collection you must export the tag information to a file called Tracklist.xml. Go to 'List Maker' page in Tagscanner and select 'ALL' the files in your scanned collection and then select the Mede8er script on the right hand side and then select 'export'. The Tracklist.xml will be saved to the root of your Music Collection.

In X2 GUI Navigate to the root folder of your Music Collection and press the 'Menu' Button and select the option 'Add to Favourites'. Press the 'F4' button on the remote to go to the Favourite page. On the Favourite page select the Icon Shortcut of the Music Collection you just made and press the 'Menu' button and select the 'Scan Folder' Option - the firmware will automatically detect the Tracklist.xml file and then scan it and build a music.db (music database) file and save it to the root folder of your collection. Your Music Collection can be in a nested folder arrangement. **Approx scanning time = 20 sec /1000 tracks**

# MUSIC JUKEBOX - Continued

## Root of Collection

The 'Root' of the music collection is the folder that will be scanned and linked to the Favourites Page The music collection 'Root' will contain the Tracklist.xml (if used), Music.db and m3u files eg

Music Collection <----- Root Folder

Music Collection/Music Folder1

Music Collection/Music Folder2

Music Collection/Music Folder3 etc

Music Collection/TrackList.xml

Music Collection/Music.db

Music Collection/Playlist1.m3u

Music Collection/Playlist2.m3u etc



## Music Box Sets / Double Albums

For Music Box Sets or Double Albums you have two options

- a) Different 'Album' name for each CD (each CD in their own folder)
- b) Same 'Album' name for all tracks (tracks for all Albums in one folder) & insert a prefix in the 'Filename' for each CD eg 1- xxxxxx 2- xxxxx for the sorting order.

## Album Artist Field

To avoid the database mixing up the same Album name by different Artists we suggest you use the 'AlbumArtist' tag Another advantage of using the 'Albumartist' tag is that the Artist will be displayed after the Album name on the 'All' page and any Album based page.

## Mixed Artist in a Album

For mixed Artists in a Album you must add 'Various' (or whatever name you want) to the 'AlbumArtist' tag for each track. If you do not then each Track will become a Album

## Embedded Album Art

IMPORTANT: If you are using embedded art it should be optimized otherwise the V2 GUI can be very slow.

**We suggest you use Tagscanner to Batch your collection**

A) Open Tagscanner Setup and Select the TAG's option and change the settings as foll

1. Coverart Filename -----> folder

2. Custom size of covers -----> 230 x230 Quality 85%

B) On the Tagscanner GUI select the custom image option and it will display 230x230(Custom)

C) Scan your collection with Tagscanner and select all the files and select 'Save' and Tagscanner will resize all the embedded images.

The preferred method is to use a image named folder.jpg in each folder. The folder.jpg will take priority over embedded art and will also show on the Screensaver. Ideal image size is 230 x 230 pixels at 72 dpi in jpg format saved with compression setting of 85%.

For batch processing we suggest a free program Fastone Photo Resizer and for normal image manipulation, correcting aspect ratios. cropping and resizing of the folder.jpg we suggest a free program called Photoscape

## Suggested 'Filename' naming convention

We suggest you use the following 'Filename' naming convention (This is not compulsory but suggested)

**a) Normal Albums %track%-%title% b) Double Albums/Box Sets 1-%track%-%title% 2-%track%-%title%**

You can use Tagscanner 'Music Renamer' function to do this. Note you must firstly make sure that all the Tag Info is updated and correct before you do the Filename renaming.

# MUSIC JUKEBOX - Continued

## Arranging your collection

Your collection can be located on your local Hard Drive, USB Drive or Network Share. The advantage of using a Network share is that you can access one central collection with multiple Mede8er's thus making it ideal for a Multi-Room setup.

If you have a big music collection it makes sense to split it up into main categories. This gives you the advantage of being able to better manage your collection in smaller bits as you can still scan the total collection with the added advantage of separate shortcut links on the Favourite Page

So in this example you would have a main folder with sub folders

Music Backup\_all

Music Backup\_all/Flac

Music Backup\_all/Hits\_etc

Music Backup\_all/Music

You can make a Favourite shortcut link to each of these folders.

## Favourite Links and Scanning

Before you can 'Scan' a folder you must add it to the Favourite Page. Navigate to the Folder in the Media Library and focus on the folder you want to add and then press the 'Menu' button on the remote and select the option 'Add to Favourites'. The Favourite link will be created and if successful a confirmation 'tick' will be displayed top left of the screen. If you get a 'x' then it means the link already exists or the link cannot be made.

Press the 'Blue' button on the remote to go to the Favourite Page. Focus on the Favourite Shortcut and press the 'menu' button and you see options

**Scan Folder** - Scan the folder to make a Mede8er database (Music.db).

**Remove** - Remove the Favourite Link. This option just removes the link and does not delete the source files.

**Genre** - Change the default folder image into a Genre artwork image for the Favourite Link.

**Lock** - Lock the Favourite Link so that it is Pin Code Protected.

**Unlock** - Unlock a 'Locked' Favourite Link.

If you get a warning message "Set NAS to 'off' for Scan" then you must first switch 'off' the NAS function in the Setup Menu and then scan the collection.

## Using the Music Jukebox

- 1) Setup -----> Misc -----> Set 'JukeBox View' to 'on' -- AutoView - We suggest you set this to 'on'
- 2) Select a Favourite Shortcut Icon and press 'Enter' -----> the Music Database will be imported and opened.
- 3) Press the 'Menu' button and you will see the list of Search options on the Menu screen

## Alpha Jump

To jump to a Alpha character in the Drop List ie - Genre - Album - Artist

a) Use the 'ABC' buttons on the Remote

b) Use the Left Right Navigation buttons on the Remote

## Music Player Page Jump

Use the Left Right Navigation buttons to jump to the next or previous page in the Music Player

## QPL - Quick Play List

The 'Quick Play List' is a easy way to group and play selected Albums or Tracks. The QPL is a one time play facility and will be automatically cancelled one you exit the Music Player. Focus on a Album or Track and press the 'F2' button on the Remote Control and the QPL icon will be added to the Album or Track. To remove a QPL just focus on the Album or Track and press the 'Green' button and the QPL icon will be removed.

Once you are happy with your QPL selection press the 'Play' button and the QPL list will be loaded and you can now select the first track you want to play and the press 'Enter'.



# MUSIC JUKEBOX - Continued

## Saved Playlists

'Saved Play List' is a easy way to make a Playlist via the GUI and save it so that it can be played at any time.

Focus on a Album or Track in the order you want them saved and press the 'Green' button on the Remote Control and the QPL icon will be added to the Album or Track. To remove a QPL just focus on the Album or Track and press the 'Green' button and the QPL icon will be removed.

Once you are happy with your Playlist selection press the 'Menu' button and the screen will open and you will see a option 'Save Playlist'. Select this option and a text dialogue screen will open allowing you to rename the Playlist. The Playlist will be saved to the 'Root' folder of your collection.

To play a saved playlist press the 'Menu' button and select the Playlist option and all available Playlists will be listed.



## Making X2 compatible m3u Playlist with Playlist Creator 3

Download and install Playlist Creator 3 -- **Correct Playlist Creator 3 Setup Options**

- 1) Extended Information -- Uncheck the option ' Write extended information'
- 2) Playlist Details -- Select 'Relative and 'Use Forward Slash instead of back slashes'
- 3) Make your Playlist and save it to the 'Root' folder of your Music Collection in m3u format.

## Album Art on Music Jukebox Screensaver

If you use a folder.jpg image in each folder with max size of 250 x 250 pixel (recommended size is 230 x 230 pixel) it will be used in the Screensaver together with Album Tag information. For normal image manipulation, correct aspect ratio cropping and resizing of the folder.jpg we suggest a free program called Photoscape.

## Add to Jukebox

**Mp3 scan only** - The Jukebox has a facility that enables you to add Albums to a pre scanned collection. If you are adding multiple Albums the easiest way would be to make a new folder with a date eg 'new\_4July2012' and copy your new Albums into this folder. Now focus on the new folder 'new\_4July2012' and press the 'Menu' button and select the option 'Add to Jukebox' . The new Albums will be added to the data base.

**Tracklist.xml**- For Tracklist.xml it is probably a lot easier to just do a re-scan. For those who want the facility you can follow these instructions. Make a new folder eg 'new' and copy your new Albums into this folder. Open Tagscanner and browse to this folder 'new' and scan it and then export a Tracklist.xml. Now in the X2 Media Library navigate to the 'new' folder and focus on it then press the 'Menu' button and select the option 'Add to Jukebox' . The new Albums will be added to the data base. Now copy the contents of the folder 'new' to the root folder.

## Music Fan Art

Make a Fan Art image 1280 x 720 pixels in jpg format called 'fanart.jpg' and copy it to a Album folder. The image will then be automatically used as the backdrop when playing the Album.

## Shuffle / Random Play

Next/Previous Track function is supported in Shuffle/Random Play mode in the Music Jukebox but you cannot use Shuffle/Random Play and then try to select some other track to play as it is Data Base driven and the Tag Info will go out of sequence. If you want to play some other track when in Shuffle/Random Play mode then you must firstly select the 'All' mode on the Repeat button and then select the Track. Also if you want to change back to Shuffle/Random Play mode you need to start at Track1 and then select it.

**We suggest you visit the Mede8er Website for a more detailed User Guide**

**Online Version** - [http://www.mede8er.com/mede8er\\_music\\_jukebox\\_user\\_guide.html](http://www.mede8er.com/mede8er_music_jukebox_user_guide.html)



# COVER ART PREVIEW IN MEDIA LIBRARY

The Mede8er has a built in facility to preview cover art and display it in the Thumbnail or Preview View. To use this functionality you need to arrange your collection with each video in its own folder and copy a jpeg image named 'folder.jpg' size 160 x 237 pixels to each folder. You can download Movie / DVD cover art directly from the Internet or can use a free program like YAMJ to Mede8er. Y2M will additionally make the movie sheet image named 'about.jpg' that contains the content information such as Synopsis, Cover, Rating, Year, Actors etc etc Y2M is available for download from the Mede8er Forum - [www.mede8erforum.com](http://www.mede8erforum.com).

**IMPORTANT:** We recommend that you set your screen size in the Setup Menu before viewing the Movie Sheet's in full screen.



Movie Thumbnail View



Preview View



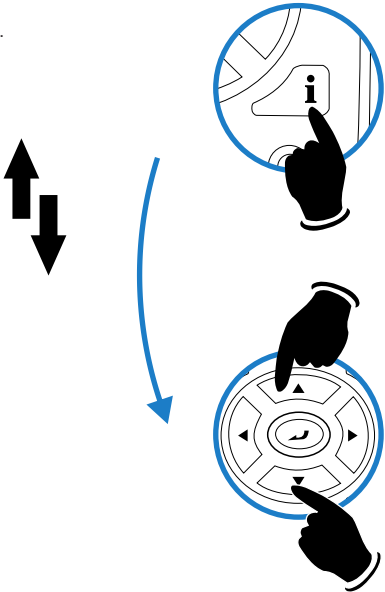
To view the Movie Sheet in full screen press the Info button.



Press the Nav Up/Down to browse by cover art

## BROWSE BY MOVIE SHEET

Press the 'Info' button to show the Movie Sheet full screen. Press the Up/Down Navigation button to browse by Movie Sheet. You can launch the movie from the movie sheet by pressing the 'Enter' button.



# PLAY FOLDER

Mede8er allows you to play a video file within a folder without the need to open the folder. Just focus on the required folder and press the 'Play' button. The first video file found in the folder will be played. The folder play will only work with video files.



# PLAY VIDEO FROM COVER ART

With Mede8er you can play the video directly from the cover art. Zoom the about.jpg by pressing the 'Info' button and then press 'Play' or 'Enter' to play the video.



# WATCHED INDICATOR

Mede8er is equipped with a watched video indicator feature. To enable this function go to Setup -- Misc -- Watched Indicator and switch it 'on'. The Mede8er will mark the Video file with a eye icon once more than 10% of a video has been watched. You can also mark a video as watched or clear the watched icon manually.

**Media Library** - Focus on the file or folder and press the 'EDIT' button on the remote control and you will be able to add or remove the watched indicator.

**Movie JukeBox** - Focus on the file or folder and press the 'Menu' button on the remote control and you will be able to add or remove the watched indicator.





# MEDIA SCANNER

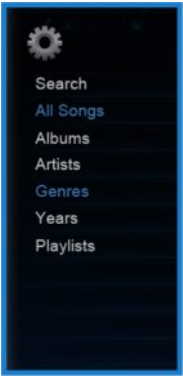


The Mede8er has a built in Media Scanner that will scan your Media Files on your USB drive and allow user functionality such as Search, Genre, Last Played etc. You can select "Auto Scan" options in the Setup menu. The Media Scanner will automatically update the database when the Mede8er is powered "on" or when an external USB Hard Drive is connected. It is important to let the scanner complete the scan if you intend to use this function. Progressive scans take less time than the original scan as only new information is added to the database. To use the Media Scanner Database information, you must select the Movies, Music or Pictures icon from the Home Page or Home Page strip and then press the "Menu" button for options. The corresponding Search Icon will be shown on the Media Library when you are in Media Search Mode. The screen layout view can be changed by selecting the 'View' button.

## Movies



## Music



## Pictures



# LOCK FACILITY

Mede8er has a built in Lock facility designed to restrict access.



**Pin Protection** - Hard Drive Format / File Manager.

**Folder Protection** - User Folders

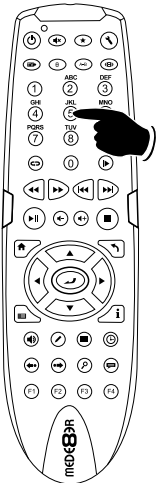
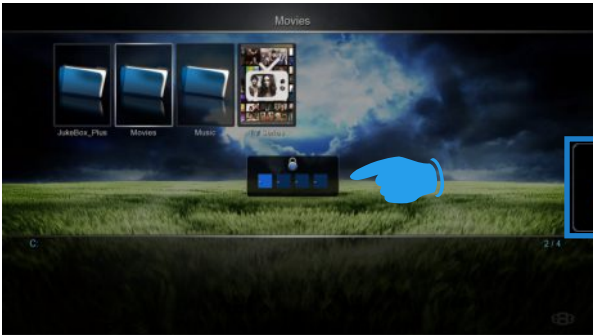
You can enable or disable these options in the Setup menu

## CHANGE PIN CODE - The default 4 digit Pin Code is 0000

To change the Pin Code go to Setup -- Misc -- Password -- You will be prompted to enter the existing pin code. For the first time you must enter the default factory pin '0000' and then the Pin Code change screen will open. Now enter your new personal 4 digit code by pressing the numbers on your remote. Once you have entered the code press the "ENTER" button on the remote and the new code will be saved.

## PIN PROTECTION

Enable Pin Protection to protect access to the Hard Drive Format area and the File Manager functionality. Once the Pin Protection is enabled you will be prompted to enter your personal 4 digit pin code when trying to gain access to these screens.



## FOLDER PROTECTION

Folder protection will allow you to protect folders on a USB Drive, SD Card or Network Share (write enabled shares). To protect a folder focus on the folder and press the 'EDIT' button on the remote. Select the 'Lock' icon and the folder will be locked. To unlock a folder, focus on the folder and press the 'EDIT' button on the remote. Select the 'Unlock' icon and you will be prompted to enter your Pin Code. After the correct code is entered the folder will be Unlocked.



Lock Folder    Unlock Folder

## RESET PIN CODE

To reset the Pin Code re-install the latest firmware and the Pin Code will default back to '0000'

## SAFELY REMOVE USB DRIVES- Beta Functionality

To use the Safely Remove USB Drives function navigate to the 'Devices' page and press the 'F2' Button on the Remote. A new page will be launched with a drop list of available USB drives that can be dismounted. Select the drive you want to dismount and press 'Enter' and X2 will then Safely remove the drive. You should remove the USB Drive without delay.



**Note:** USB Drives that are being read from or written to in Samba Nas mode will not be dismounted. This functionality is currently in development.



# FAVOURITES MANAGER

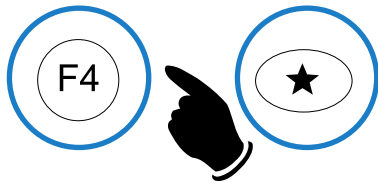
The MED400X2S is equipped with a desktop function called Favourites. The Favourite screen is a list of 'Shortcuts' created by the users. The Favourite Link will work as a shortcut link to shared folder on your hosted USB Drive, Samba and NFS Network Share. The Mede8er Favourites screen is designed to show multiple links presented on one easy to read and manage screen. You can add or remove a Favourite Link at any time should you wish to do so.

## Using the Favourites

Navigate to the file or folder that you want to add to the Favourite Screen and press the "Menu" button on the remote control. The Menu dialogue will open and you will see the option "Add to Favourites". Select this option and the folder path will be added to the Favourites screen and as a confirmation a tick icon will be shown on the top left of the screen. If the Favourite cannot be added (in the case that it already exists) you will get a failed "X" indicator on the top left of the screen.

## Bootup to Favourites

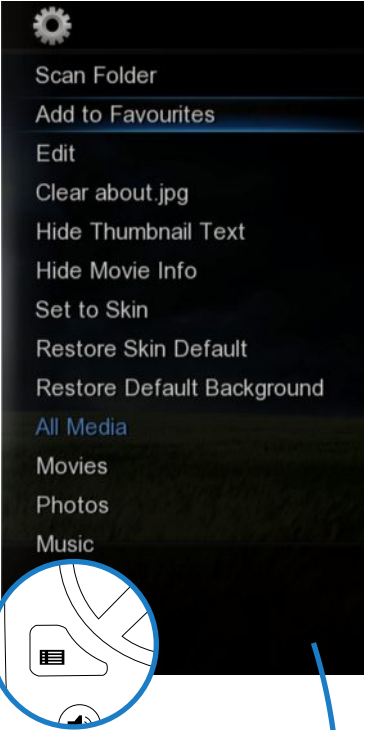
You can set the X2 to Bootup to the Favourites screen. Setup ----> 'Misc' and select option 'Bootup to Favourites'



### Favourite Shortcut

You can launch the Favourite screen at any time by pressing the 'Favourite' or "F4" button on the remote control.

**Tip:** The Favourite button can also be learned into the Function Button on the remote control.



# ADDING GENRE ARTWORK TO FAVOURITES

You can easily add Genre artwork to each Favourite link. To add the cover artwork just focus on the Favourite thumbnail and press the “Menu” button on the remote control. The menu dialogue screen will open and now select the “Genre” option. A new screen will open with a list of cover options. Navigate to the cover you require and press the “Enter” button to make your selection. You can also use the Alpha Jump facility to jump to covers down the list. Use the same procedure to change covers.

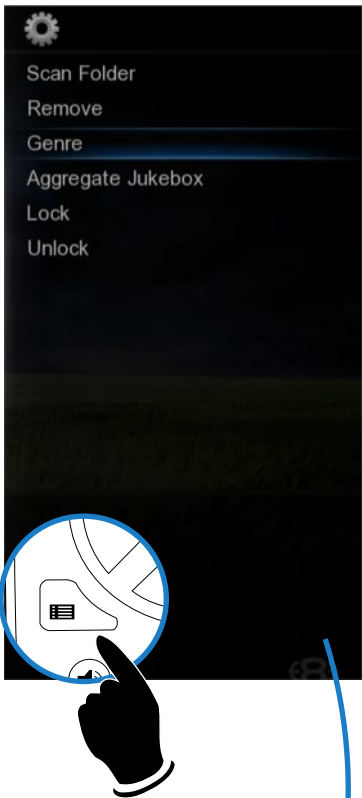
## Adding Custom Genre Art To Favourites

To add **custom Genre Covers** to flash memory.

Make a folder 'Genre' and copy up to max 50 png genre covers into this folder. 1:1 size is 117 x 172 pixels but 156 x 233 pixels work ok as well. Copy the 'Genre' folder to the Skin Folder. Focus on the Skin folder and press 'Menu' button and select 'Set to Skin' option.

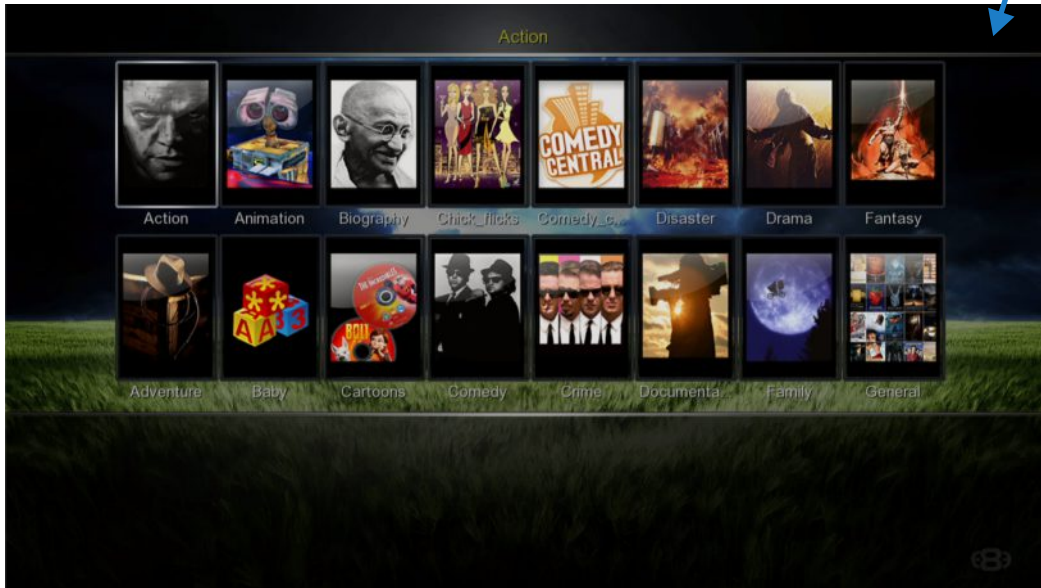
## Locking and Unlocking Favourites

To password protect a Favourite link press the “Menu” button on the remote control and the Menu dialogue screen will open. Select the Lock option and the link will now be Pin Code protected. To Unlock the Favourite link select the unlock option and you will be prompted to enter your 4 digit pin code and then the Link will be unlocked.



## Scan XML Data

You can scan a Favourite link to build or re-build a XML Data dBase for the Movie or Music Jukebox.





# JUKEBOX + (Aggregated JukeBox)

JukeBox + allows you to Aggregate your Movie JukeBox's across different sources such as internal USB Drives and Network shares both Samba and NFS. There is no limitation to the amount of Movie JukeBox's that can be added to JukeBox Plus and just remember that the source shares must have the required Mede8er folder structure with the correct images and xml files. JukeBox Plus is actually a dummy JukeBox and can be deleted at any stage without effecting the source files.

**WARNING: For correct functionality the Local Hard Drive or USB Drives must have a 'Label' name otherwise the JukeBox + will not function correctly**

## JukeBox Plus Instructions

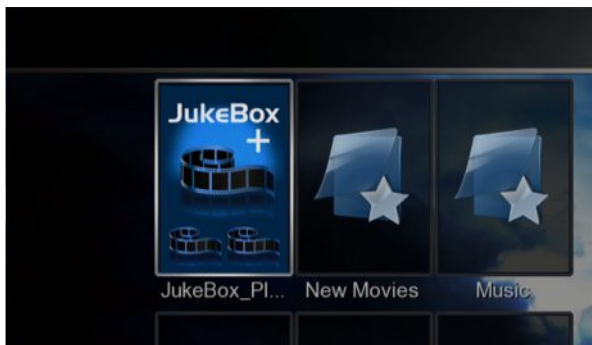
1. Make sure your Internal Drive and USB drives have a **Drive LABEL** (Drive Name)
2. Make a folder on any source and name it what you like. (Note: The source needs to be write enabled)
3. To make a new folder in the X2 - Navigate to a Drive or Network Share in the Mede8er Media Library and press the 'Edit' button on the remote and select 'New Folder' - Use this to make your JukeBox Plus folder.
4. Navigate to the new folder you just made ie JukeBox Plus or whatever you called it and press the 'Menu' button and select 'Add to Favourites'
5. Go to Favourites and you will see the new JukeBox Plus folder you have just made - Press the Menu Button and select option 'Aggregate Jukebox'
6. The folder will now be assigned as the Aggregated JukeBox and a new thumbnail will be displayed.
7. Now you are ready to add Mede8er structure shares to the JukeBox Plus folder
8. In the Media Library - Navigate to the folder you want to add and focus on it then press the 'Menu' button and select option 'Add to JukeBox' and the X2 will add this folder and Auto Rescan the JukeBox Plus folder. Repeat this process to add all the different folders you require to add to the Jukebox +.
9. A Favourite can also be added to JukeBox + - Press the 'Menu' button and select option 'Add to Jukebox'
10. Remember to turn on 'JukeBox View' in Setup Menu
11. Launch the JukeBox + icon and all your movies across the different drives and Network shares will be displayed in one consolidated Movie JukeBox.
12. If the content changes on a drive or share then you will need to re-add the folder to the JukeBox Plus ie Point8 and the new content will be added.
13. On large collections the first scan can take some time ie Samba to HDD +/- 170 movies/min and NFS to HDD +/- 227 movies/min. Rescanning when adding content will be a quick as only the new content needs to be added.

## Empty a JukeBox+

Focus on the JukeBox+ thumbnail on the Favourites screen and press the 'Menu' button on the remote. Select 'Empty' option and the contents of the JukeBox+ will be erased. You can now add new content to the JukeBox+ folder in the normal way.

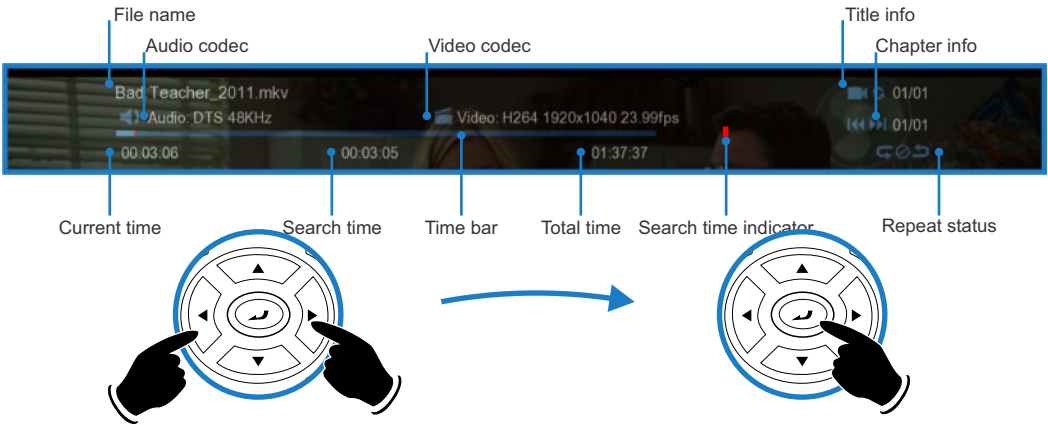
## Removing JukeBox + / Multiple JukeBox +

Focus on the JukeBox+ thumbnail on the Favourites screen and press the 'Menu' button on the remote. Select the 'Remove' option and the Thumbnail and the contents of the JukeBox+ will be removed.



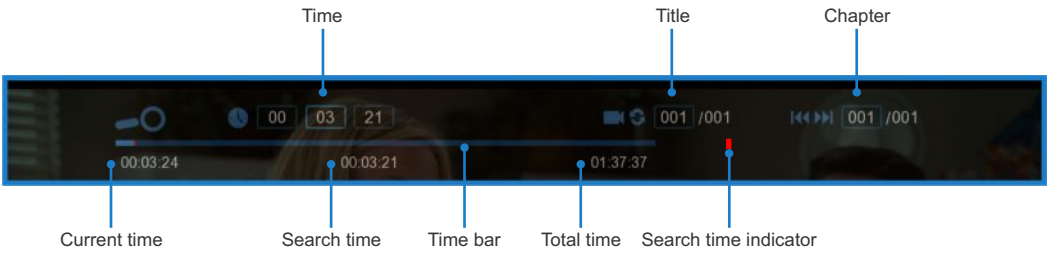
# VIDEO INFO SEARCH

The Info Search allows you to easily jump to any part of the video. While viewing a Video File press the Left/Right Navigation button and the Info Screen will open on the top of the screen. Now press the Left/Right Nav and a red bar will move left or right and show the corresponding Time Position. Once you have reached the time search you require, press the “Enter” button and the Mede8er will jump to the time you selected in the Video.



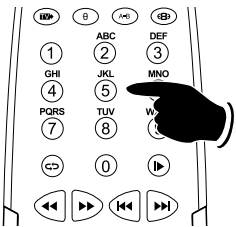
# GOTO SEARCH

The GOTO Search allows you to easily jump to a specific time point or Title or Chapter in a Video file. While viewing a Video File press “Goto” button and the Goto Screen will open on the top of the screen. Now press the Left/Right Navigation button to select the function you require such as Time, Title or Chapter. Once the function is selected press the Up/Down Navigation button to select the numeric value you require and then press the “Enter” button and the Mede8er will jump to the time you selected in the Video.



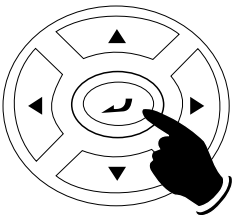
# ALPHA JUMP

The Mede8er has a easy to use built in Alpha Jump facility. The Alpha Jump enables you to quickly jump to files and folders in your Media Library. Navigate to the Media Library and press one of the Alpha buttons on the remote control ie ABC, DEF, GHI, JKL, MNO, PQRS, TUV, WXYZ and the Alpha letter will be displayed on the top left of the screen. Press the button again and the next Alpha character will be displayed. After you have made your selection the Mede8er will jump to the first file or folder with the Alpha character you have selected.



# SCREEN CALIBRATION

For more accurate Zoom functionality we suggest you calibrate your TV screen. Go to System Setup then Video and select Screen Size.



Press Enter to save

Using the left, right, up and down navigation buttons you can adjust the red rectangle to fit the outer frame of your TV screen. You can then do a fine adjustment to move the red rectangle so that it is just not visible.

## ZOOM

The Mede8er is equipped with advanced zoom functionality and once your screen is calibrated you can zoom intuitively to either WIDTH or HEIGHT or XY of the video.




Zoom in/out

 Zoom To Height

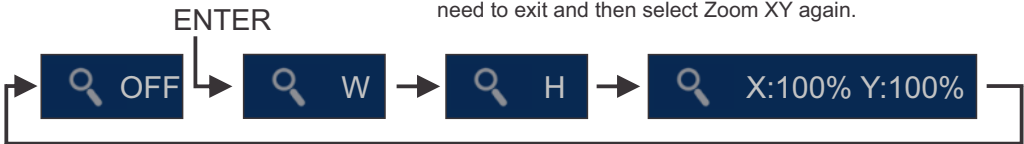
**Zoom To Height** - This zoom function is designed for full screen viewing of ultra wide screen aspect videos on a 16:9 TV.

 Zoom To Width

**Zoom To Width** - This zoom function is designed for full screen viewing of older 4:3 aspect videos on a 16:9 TV.

 X:100% Y:100%

**Zoom XY** - The Zoom XY allows you to stretch the picture horizontally and vertically independent of each other. This zoom function is designed to correct videos encoded with the wrong aspect ratio. You can also use the Zoom XY to zoom to any zoom preference you may have. Once you have selected your X and Y percentage press the ENTER button on the remote to store the settings. To re-adjust the Zoom XY you need to exit and then select Zoom XY again.

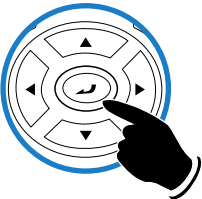
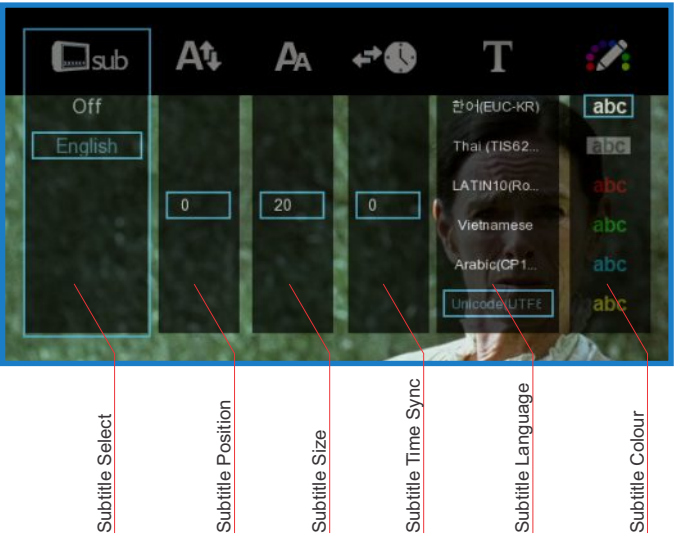
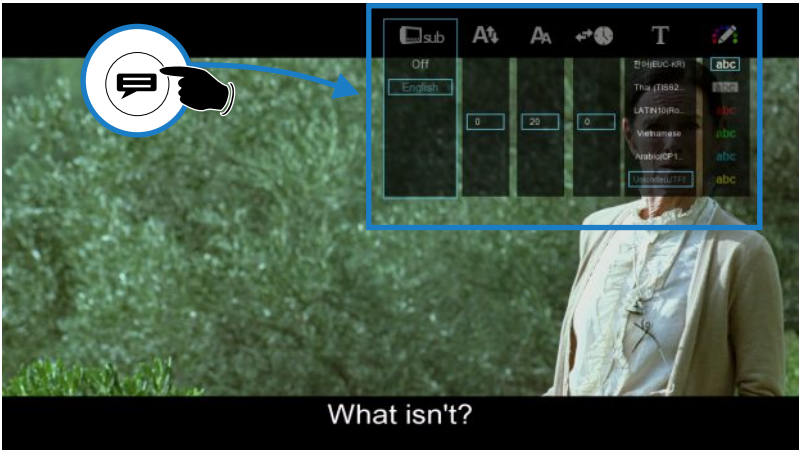


# SUBTITLES

Mede8er supports various types of subtitle files. If the subtitle is embedded into the video file it will automatically be available on the Subtitle Dialogue Screen. External Subtitles must be placed into the same folder as the video file and must be named to be exactly the same name as the video file eg

Cloudy.With.A.Chance.Of.Meatballs.2009.720p.BluRay.HebDub.x264-WiKi.mkv  
Cloudy.With.A.Chance.Of.Meatballs.2009.720p.BluRay.HebDub.x264-WiKi.srt

To use the Subtitle Menu you must switch 'on' Subtitle option in the Setup Menu. To access the subtitle menu press the Subtitle button on the remote during video play.



# CUSTOM FONTS

You can easily customize the GUI and Subtitle fonts on the X2. Fonts must be smaller than 500KB in size. For the GUI font select a .ttf font and rename it to 'gui.ttf' - For the Subtitle font select a .ttf font and rename it 'Subtitle.ttf' - Copy these to the 'skin' folder if you are using a custom skin. If not you can copy these to any folder name. Navigate to this folder and press the 'Menu' button and select the 'Set to Skin' option. To reset the fonts back to the default just navigate to this folder and select the 'Restore Skin Default' option.



# MUSIC PLAYLISTS

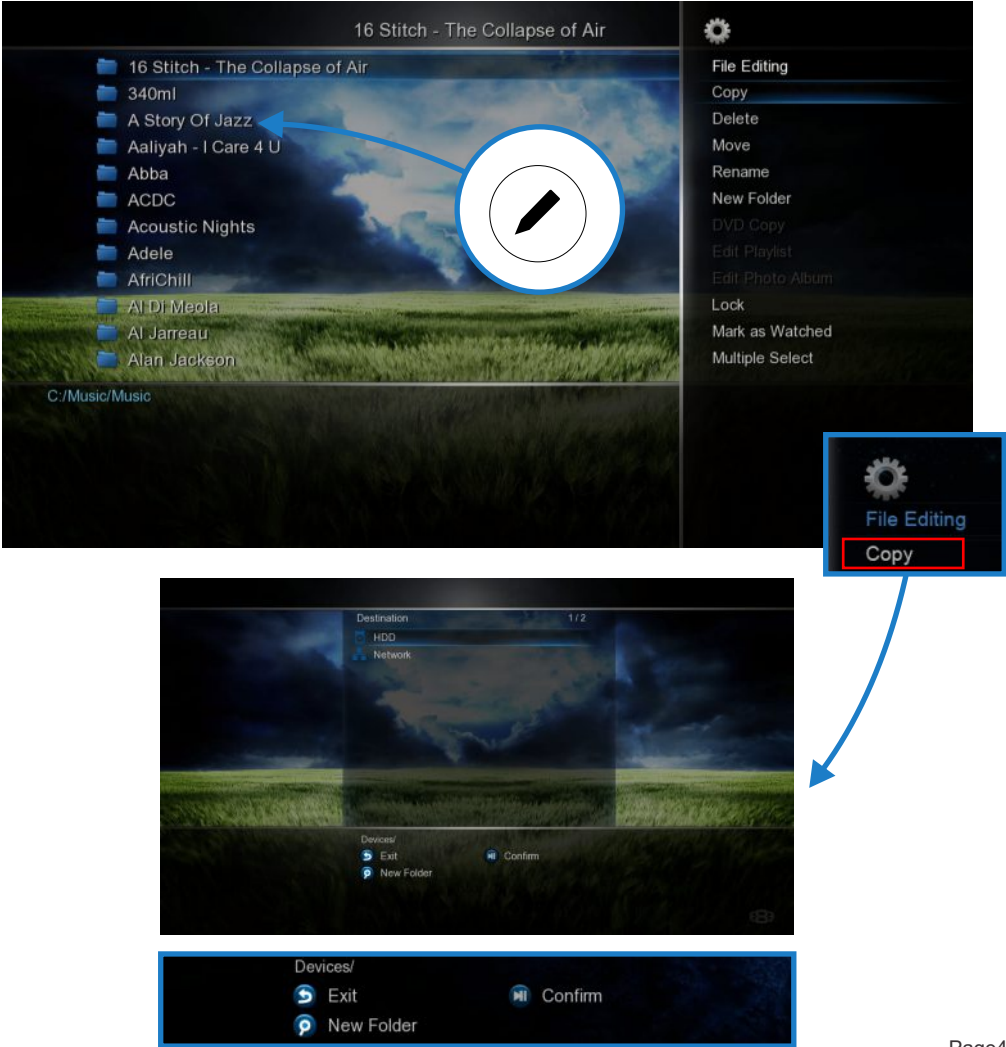
To make music .M3u playlists on your mede8er follow the steps in **FILE MANAGER - MULTIPLE FILES** section and select the playlists option.

## FILE MANAGER

**NTFS Check/Fix** - Before you perform any File Manager functions it is suggested to use the built in NTFS check/ fix functionality. Open the 'Devices' screen and press 'F1' button on the remote and select a Drive to check/fix. X2 will scan and fix the NTFS drive.

The Mede8er has a built in File Manager to manage and transfer files between your media sources. The File Manager is launched by pressing the "Edit" button on the remote Control while you are Media Library.

To Copy, Delete, Move or Rename a **single file** just focus on the file (that you require to perform the action on) and press the "Edit" button on the remote control. Select the option you require and press "Enter". Follow on-screen instructions.

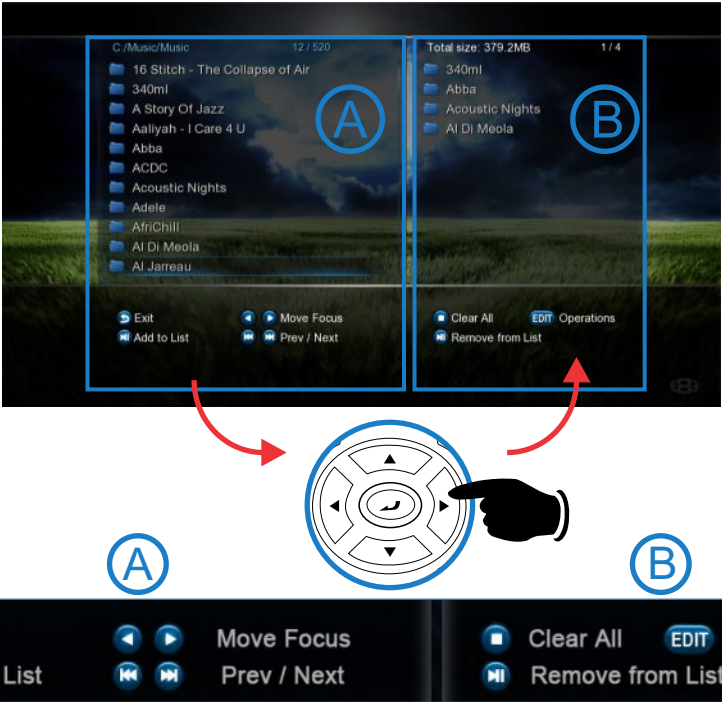


# FILE MANAGER - MULTIPLE FILES

To Copy, Delete, Move or Rename multiple files just press the “Edit” button on the remote control while you are in Media Library view. Select “Multiple Select” and a new dialogue screen will open.



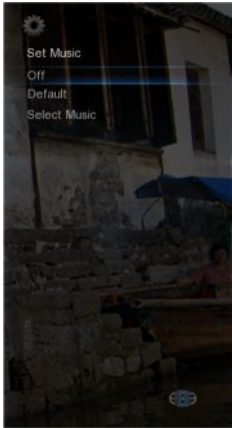
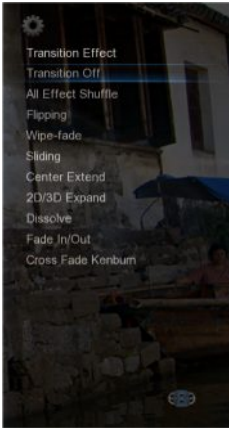
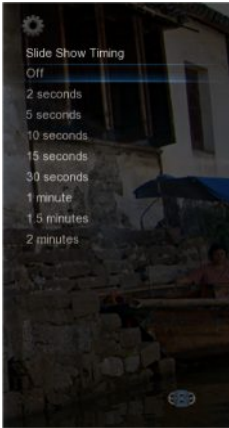
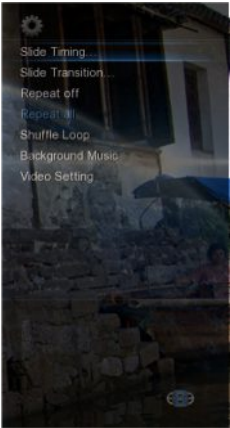
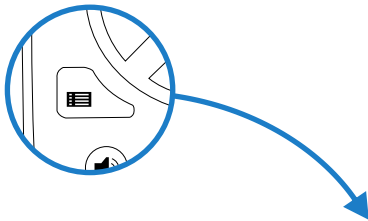
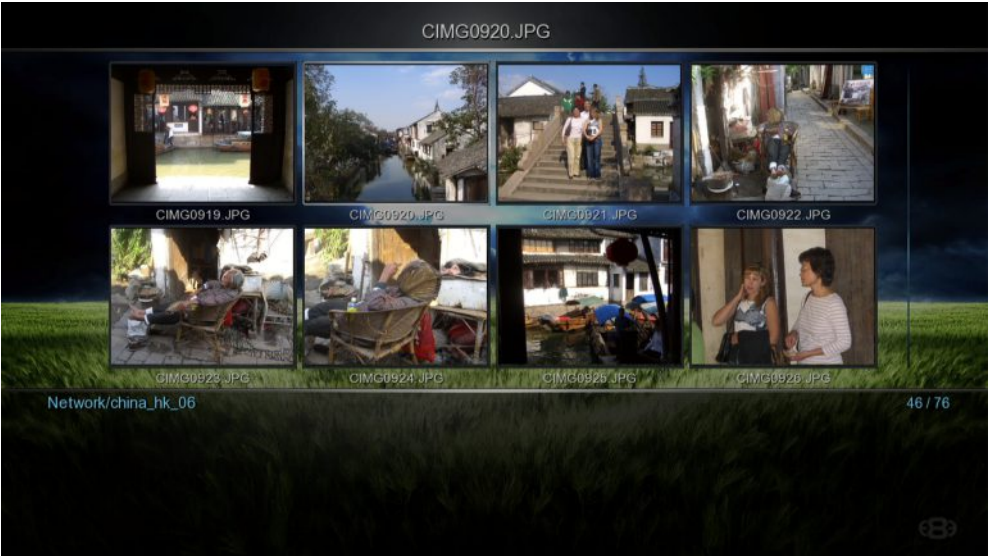
Navigate to the files or folders on the left screen “A” that you want to perform the action on and press the “Play/Pause” button to select and add the files to the File List “B”.



Once you have selected all the files you require then press the “Right Navigation” button. The focus will change to “B”. To continue to the next step you must select the “Edit” button and then you can select one of the available options ie Copy, Delete, Move, DVD Copy, Save Playlist, Save Photo Album, Save Playlist, or Edit.

# PICTURES

Press the "View" button on the remote and the View Icons will show. Press the 'View' button again to select the Picture Icon. The page will re-arrange into a image grid that is optimized for image thumbnail viewing. The X2 supports full Slideshow functions and you must enable the 'Slideshow' option in the Setup Menu. You can now navigate your pictures as normal and zoom the images to full screen by pressing the "Enter" button on the Remote Control. Once zoomed to full screen press the "Menu" button on the remote for more options.



# PLASMA MODE / VIDEO SCREEN TRANSPARENCY

The Plasma Mode has been designed for use with Plasma TV's that are susceptible to still image "burn in". The Plasma control will change the transparency level of the GUI screens and will not have any effect on the screens during Video Play. The Video Screen Transparency controls the transparency level of all video menus during Video Play. You have a choice of settings Off, Low or High.

## AUTOPLAY

Mede8er allows for automated folder play when the Mede8er is switched on. The autoplay facility is very useful and can turn the Mede8er into a very effective low cost Digital Signage Solution.

### Autoplay Function

The Autoplay files can be stored on SD Card or USB Drive.

1. Create a folder in the root of the drive named "Autoplay" (Case Sensitive)
2. Put either **Video OR Audio** files into this folder
3. If you require the files to play in order name them as following 01name - 02name - 03name - 04name - 05name - 06name - 07name - 08name - 09name - 10name - 11name up

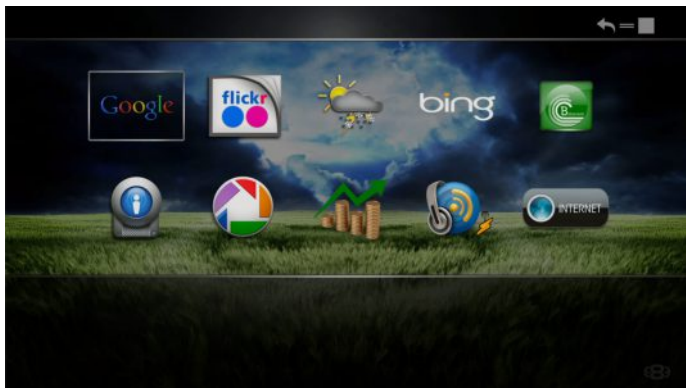
### Autoplay Operation

On power up the Mede8er will look for the "autoplay" folder and if found it will automatically play the contents of the "autoplay" folder. The contents will be played with the "Repeat All" as default. If a USB Drive is plugged into the Mede8er it will auto scan for the "Autoplay" folder and if found it will start the Autoplay function.

## INTERNET MEDIA

Internet Media consists of Google, Flickr, Weather, Bing, Transmission Torrent, Video Podcasts, Picassa, s, Yahoo Finance, Shoutcast Radio, and Web Browser.

Internet Media is launched from the Home Page. The Web Browser and Social Media requires a USB compatible keyboard /mouse for correct system operation. The contents of the Internet Media can change depending on legal circumstances at the time and Sanji are not responsible for external changes.



## REMOTE CONTROL OVER NETWORK

The X2 supports remote control via another networked device running a DLNA Digital Media Controller. That includes Windows 7 "Play To". Please consult your own Windows Help Guide for assistance. To play media hosted on the X2 requires a UPNP Server (still in development).

Remote Control from mobile device such as a iPhone, iPad or any device that has WiFi and a built in Web Browser. Navigate to Setup Menu and enable Web Remote. Enter the Mede8er IP into your Web Browser with the correct Port number eg <http://xxx.xxx.xxx.xxx:1024> "x" is your actual IP



# NFS (Network File System)

By default X2 uses Samba to stream content on a local network and this should be more than sufficient for most users. NFS can be used for higher bitrate streaming from a NAS or PC. On a Windows PC you will require a NFS client to be running on the host PC. The X2 has been tested and verified with HaneWin but other NFS Servers should work equally as well. Download HaneWin at <http://www.hanewin.net/nfs-e.htm>

## NFS Mount 'Auto Scan'

X2 will Scan the NFS servers on the same IP segment, on boot up. Select the NFS tab on the Devices Page and will see all the NFS mounts that X2 located. You can make a Favourite Link from a NFS shortcut ie focus on the NFS Link and press the 'Menu' button and select option 'Add to Favourite' **Note** the NFS mount path cannot be added as a shortcut so you may need to create an extra folder as the main mount with sub folders that can be linked as X2 Shortcuts.



To "Add" "Modify" or "Delete" a NFS shortcut press the "Menu" button and the Menu screen will open. Select Add NFS Client and a "ADD NFS Dialogue" screen will open. Fill in the IP Address of the Host PC and the Share Name (Folder Path).

### IMPORTANT NOTE:

You may have to enable "Flow Control" or disable "Jumbo Frames" on your Network Card settings if you are using NFS with a 1Gb switch on your network. Once a NFS share has been mounted you can press 'F1' to display NFS mount information that will look like this .

vers=3,rsize=32768,wsiz=32768,proto=udp,port=65535,timeo=7,retrans=3,addr=192.168.10.20

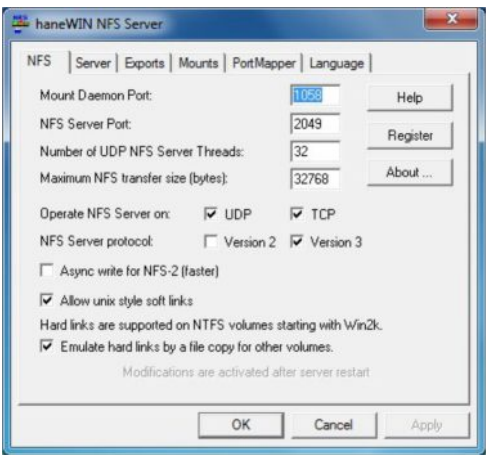
For max streaming performance rsize should be 32768 bytes



Recommended Settings HaneWIN

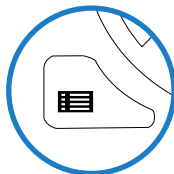

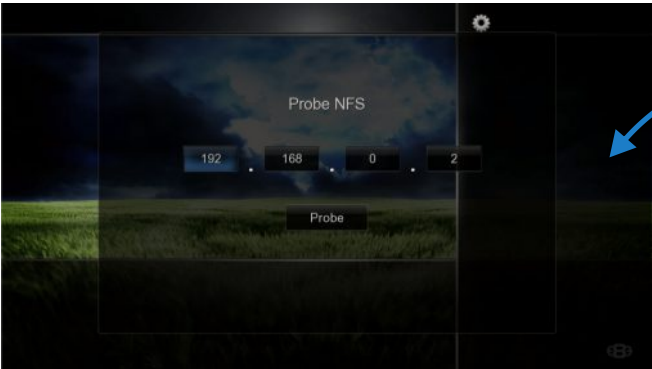
UDP NFS Server Threads : 32

Max NFS tranfer size : 32768



# NFS (Network File System)

Additionally you can perform a manual NFS scan with 'Probe NFS' option in the NFS menu. Select this option and fill in the IP Address you require to scan and select 'Probe'. X2 will scan the IP for valid NFS mounts and then display the mounts it finds.



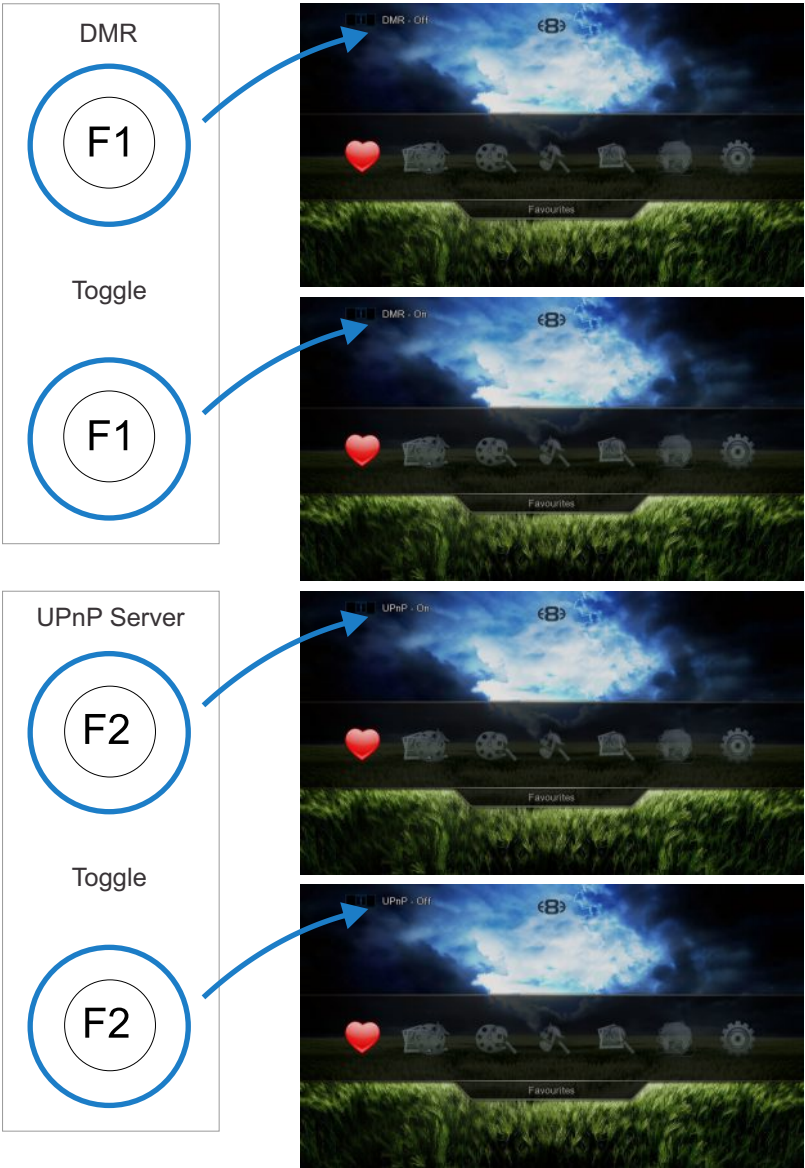


# DLNA DMR

The X2 Series comes with a DLNA DMR function. That stands for Digital Living Network Alliance Digital Media Renderer. That means another DLNA device can use the X2 to process media without you having to do anything else with the X2 other than turning it on. Music can be played without having to turn on the TV, or you can display photo's on your TV directly from your phone.

A Device which controls this process is called a DLNA DMC - Digital Media Controller. You can get DMC apps for many devices - Android phones / tabs - Iphone / Ipad. Android Honeycomb doesn't come with a DMC installed. Android Market has a lot of them, but not all are able to detect both the X2's DMR, and the X2's Upnp server successfully. Bubbleupnp has been tested with X2 and we suggest that this is a good app to start playing and testing DLNA DMR functionality. Remember to turn the DMR 'on' in the X2 Setup Menu.

You can also use the Shortcut button method to switch on/off the UPnP and DMR functionality.





# Setup

## Main Page

- Menu Language -- Menu Language.
- Text Encoding -- Text Encoding for Subtitles.
- Time -- Set the Time / Time Zone and daylight saving.
- DVD Auto-Play -- Option for USB DVD drive. If enabled the DVD will Auto Play when inserted.
- Screen Saver -- Set the Screen Saver time period and type of Screen Saver.
- DLNA-DMR -- Plays media from UPNP servers under the control of external devices.
- DLNA Device name -- DLNA Device name.
- MiniKBD Language -- Keyboard Language.
- Keyboard Layout -- Default US English other option for possible future update.
- Scan Storage -- Default Media Scanner for USB Drive only.
- Resume Play -- If enabled the X2 will prompt the user to continue from the last position.
- Format -- Not available on MED400X2S.
- BD Menu -- Switch the BD Menu option on/off -- Supported BD Profile 1.0
- Restore Default -- Reset Network and Flash memory settings.
- Auto Detect Encoding -- Auto Detect Language - Suggest to leave it off.

## Audio

- Night Mode -- Dynamic Range Control limits the dynamics for night viewing.
- HDMI Output -- HDMI Output Audio output settings.
- SPDIF Output -- Optical Audio output settings.
- Force decode aac/mp3 -- Force the X2 to internally decode AAC / Mp3 audio
- Surround Sound -- Settings for 7.1 or 5.1 Surround Sound.

## Picture

- Aspect Ratio -- Set the Aspect Ratio size of the TV.
- TV System -- Set the Pixel Size Resolution Size of the TV.
- 1080p 24HZ -- 24HZ Frame Rate -- Enable this function if your TV supports 1080p 24HZ.
- Plasma Mode -- Changes the transparency to prevent screen burn in on Plasma Tv's.
- Deep Color -- Colour Depth -- Auto - 12bit - 10bit - off.
- Screen Size -- Set the TV Screen size accurately for zooming about.jpg.

## Network

- Wired Lan Setup -- Network Setup -- DHCP IP (Auto) / Fixed IP (Manual).
- Wireless Setup -- Wireless Setup -- DHCP IP (Auto) / Fixed IP (Manual).
- PPPoE Setup -- PPPoE Setup.
- Transmission BT -- Not available on MED400X2S.
- NAS Mode -- Enables X2 to be used as a server to other Network Connected Devices.
- UPnP Server -- If enabled other UPnP enabled devices will be able to stream content from the X2.
- Web Remote -- If enabled you can control the X2 GUI functions from a Web Browser.

## Misc

- Version Info -- Information about the Firmware Version.
- Network Info -- Network connection Information.
- HDD Info -- Not supported on MED400X2S.
- USB Upgrade -- X2 firmware update from USB Flash Drive.
- Save Config -- Save your settings to USB Flash Drive before doing a firmware update.
- Restore Config -- Restore your settings from a Flash Drive after doing a firmware update.

- Folder Protection -- Protect Folders and content by means of a user pin code.
- Watched Indicator -- Eye indicator display for watched videos.
- Subtitle -- Enable or disable Subtitles
- Slideshow -- Enable or disable Slideshow functionality.

- Boot to Favourites -- If enabled the X2 will boot up the Favourites Desktop.
- JukeBox View -- If enabled the X2 will present a XML Jukebox **that is launched from Favourites** in a traditional Movie Wall View even if the content is in separate or nested folders.

- Auto View -- If enabled the X2 will remember the View of the folders you have navigated.
- Password -- Change Password
- Scrape Language -- Select the Language for the Movie and TV Series Scraper
- WOL -- Wake on Lan - Wake up selected devices on the Network



## MED400X2S

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